

BOX E

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87047R01

VOLUME 2

ORIGINAL

Rocky Mountain Arsenal  
Information Center  
Commerce City, Colorado

**FILE COPY**

Property Inventory and Condition Survey  
for the  
Group IV Utility Systems Property  
and  
Group II Chemical Plant Property  
within the

**Shell Oil Company Leasehold Area**  
at

**US Army Rocky Mountain Arsenal**  
Commerce City, CO

**VOLUME TWO**

**GROUP IV UTILITY SYSTEMS PROPERTY**  
**Building No. 325: Electric Power Plant**

19950308 129

prepared by  
**Harland Bartholomew & Associates, Inc.**  
St. Louis, MO  
and

**Gilbert/Commonwealth**  
Commonwealth Associates, Inc.

27 September 1982

# REPORT DOCUMENTATION PAGE

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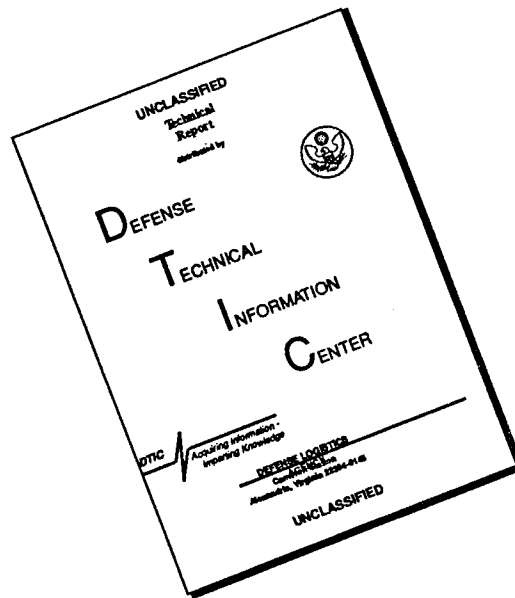
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1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE 09/27/82		3. REPORT TYPE AND DATES COVERED	
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VOLUME TWO  
GROUP IV UTILITY SYSTEMS PROPERTY  
(Building No. 325)

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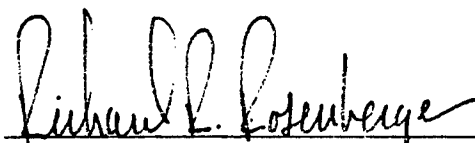
- VOLUME ONE: Group IV Utility Systems Property  
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- VOLUME FIVE: Group IV Utility Systems Property  
(Water Distribution System)

C E R T I F I C A T E

The undersigned Mr. Richard R. Rosenberger and Mr. J. Robert Doyle of Harland Bartholomew & Associates, Inc., St. Louis, Mo, as Architect/Engineer Contractor for the US Army Corps of Engineers, Omaha District, hereby certify that a PROPERTY INVENTORY AND CONDITION SURVEY was performed for the Group II Chemical Plant Property and the Group IV Utility Systems Property within the Shell Oil Company Leasehold area at the US Army Rocky Mountain Arsenal between 23 August 1982 and 15 September 1982 and that the following report and accompanying volumes correctly describe the existence and condition of the facilities therein as of 15th day of September 1982.

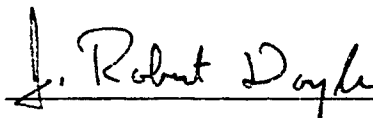
Signed this 21st day of September 1982

HARLAND BARTHOLOMEW & ASSOCIATES, INC.

A handwritten signature in dark ink, appearing to read "Richard R. Rosenberger", is written over a horizontal line.

Richard R. Rosenberger, P.E.

Associate and Project Manager

A handwritten signature in dark ink, appearing to read "J. Robert Doyle", is written over a horizontal line.

J. Robert Doyle, P.E.

Resident Engineer

## FOREWORD

This PROPERTY INVENTORY AND CONDITION SURVEY has been prepared by Harland Bartholomew & Associates, Inc. under the direction of the US Army Corps of Engineers, Omaha District, and in accordance with the provisions contained in Contract No. DACA 45-82-C-0035, Modification No. P00001. Portions of this contract outlining the specific responsibilities of the Contractor in regard to the inventory and condition surveys of the Group II and Group IV properties are as follows:

### 4. WORK TO BE ACCOMPLISHED BY THE CONTRACTOR.

a. The Contracting Officer will provide the contractor the original, or a copy of the lease agreement, and all subsequent supplement agreements and exhibits. The contractor will be required to thoroughly familiarize himself with all provisions of the lease agreements. Particular attention shall be paid to Supplement Agreement No. 5 with Exhibits G and H-1 through H-14 and Supplement Agreement No. 22.

b. The contractor shall utilize the existing condition surveys and inventory information of the Group II, and the Group IV properties to conduct a new condition survey and inventory of the Group II and Group IV properties, identified below. The new survey shall be performed in the same format as the old survey, all property items not shown on the existing survey shall be properly identified on the new survey. All property shown on the existing survey and not found on the new survey shall be noted. The contractor will not be responsible to determine ownership, but to merely identify each and every item and condition that has to be resolved in negotiations between the U.S. Government and Shell Oil Corp. All discrepancies shall be clearly pointed out. Photographs are required which will allow government negotiators to compare current conditions with prior conditions. All property previously photographed shall be rephotographed to the best extent possible. the contractor's

## FOREWORD

(Continued)

inspection teams shall invite a representative of the U.S. Government and a representative of Shell Oil Corp. to accompany the survey team. The Group IV conditional survey and inventory shall be completed first. The Group II conditional survey and inventory shall be completed after the Group IV inventory has been submitted. The Contracting Officer will provide the original, or a copy of what is available, of subsequent conditional surveys and inventory of leased property, of Group II and Group IV properties that was performed at the time the facility was leased to Shell Oil Corp. There are six buildings included in the Group II leasehold and approximately 28 structures, adjacent land areas, and three lakes in the Group IV lease. These are tentatively identified as follows:

### GROUP II BUILDINGS

<u>BUILDING/ FACILITY NO.</u>	<u>DESIGNATION</u>	<u>SIZE</u>
311	Post cafeteria general warehouse	4,597 S.F.
333	General purpose warehouse	11,037 S.F.
335	General purpose warehouse (Including 47 items of "Hastelloy" equipment)	11,037 S.F.
336	General purpose warehouse	11,037 S.F.
356	General purpose warehouse	11,637 S.F.
728	General purpose warehouse	22,775 S.F.

### GROUP IV UTILITIES

<u>BUILDING/ FACILITY NO.</u>	<u>DESIGNATION</u>	<u>SIZE</u>
321	Central heat plant gas	56,479 S.F.



# FOREWORD

(Continued)

<u>BUILDING/FACILITY NO.</u>	<u>DESIGNATION</u>	<u>SIZE</u>
321A	Tank Storage	
321B	Tank Storage	
321C	Tank Storage	
321D	Tank Storage	
321E	Tank Storage	416,000 Gal.
322	Coal sampling building	336 S.F.
322A	Tractor storage shed	556 S.F.
323	Ash handling hopper	3,600 C.F.
325	Elec. power plant gas	16,500 S.F.
326	Water pump plant	613 S.F.
337	Change House	588 S.F.
361	Sub. Station	
371	Water pump building	3,500 S.F.
372	Reservoir	1,000,000 Gal.
372A	Chlorination Station	64 S.F.
375	Well House	56 S.F.
378	Water treatment plant chlor. station No. 1	84 S.F.
381	Chlorination station No. 3	84 S.F.
382	Water treatment plant	68 S.F.
385	Water pump station NP	146 S.F.
386	Water pump	146 S.F.
387	Water pump NP #3	112 S.F.
462B	Fuel Oil Storage Tank	417,000 Gal.
548	Water pump NP	2,206 S.F.
549	Cooling tower	8,802 S.F.
551	Elev. wate tank NP	500,000 Gal.
552	Valve Pit	
-	South Plants Lakes	

## FOREWORD

(Continued)

In addition to the buildings or structures noted above, all utility systems within the Shell Leasehold shall be included in the Group IV inventory and condition survey. These involve electrical, steam, potable and process water, and other utilities. Also, there are extensive amounts of equipment leased to Shell which must have a condition survey and inventory.

g. (1) The contractor shall review the past maintenance records of Rocky Mountain Arsenal's Water Distribution System, presently being operated by Shell Oil Corp. All maintenance records will be acquired from Shell Oil Corp. From these past maintenance records, the contractor shall develop a report which projects the yearly estimated maintenance and repair expenditures of the water distribution system. This report shall give a five-year projection of all maintenance and repair cost.

(2) The contractor shall attend a pre-start meeting at Rocky Mountain Arsenal. The contractor shall present a proposed inventory schedule to the U.S. Government and Shell Oil Corp. representatives. Other reporting information shall be included in the meetings as outlined in the basic contract.

### 6. SUBMITTALS.

a. The Group IV utilities condition and inventory survey shall be completed within 35 days after receipt of the NTP. Fifteen copies of the report shall be provided to the Contracting Officer.

b. The Group II buildings condition and inventory survey shall be completed within 55 days after receipt of the NTP. Fifteen copies of the report shall be provided to the Contracting Officer.

## FOREWORD

(Continued)

Personnel from Harland Bartholomew & Associates, Inc. participating in the field evaluations, research, and report preparation aspects of the property inventory and condition surveys are identified in Section 1.00: GENERAL, of each Building/Facility report. Personnel from Shell Oil Company and the US Army Rocky Mountain Arsenal offering technical assistance to the evaluation teams are also acknowledged in this section. The Contractor is extremely grateful of the degree of cooperation and valuable assistance offered them by representatives of Shell Oil Company and the Arsenal to insure the accuracy and timely completion of this report.

For assistance in the field evaluation, research and report preparation for Building No. 321, Building No. 325 and other selected facilities in the Shell Oil Company leasehold area the Contractor has engaged the firm of Gilbert/Commonwealth, Commonwealth Associates, Inc. under a subcontract agreement. Personnel from Commonwealth Associates, Inc. participating in this portion of the Group II and Group IV property surveys are identified in Section 1.00: GENERAL, of the respective Building/Facility reports.

The overall field investigations and condition surveys for the Group IV: Utility Systems Properties were initiated on 23 August 1982 and completed on 15 September 1982. The actual date (or dates) that the physical survey was accomplished is entered in Section 1.00: GENERAL, of the individual Building/Facility reports. Field surveys of the Group II: Chemical Plant Properties commenced on 13 September 1982 and were completed on 15 September 1982. The existence and condition of the buildings, facilities and equipment outlined in this report and accompanying reports of the Group II and Group IV properties are considered to reflect the information obtained by the field evaluation teams as of the date indicated on the individual survey reports. Additions or removals of property after 15 September 1982 are not contained herein.

## CRITERIA

Pursuant to the requirements contained in Article 4, Paragraph b (work to be accomplished by contractor), this PROPERTY INVENTORY AND CONDITION SURVEY and accompanying volumes has been prepared in a format similar to previous condition surveys performed for the Group II and Group IV properties. Some license was taken by the Contractor to standardize the individual condition report format to include the following decimal notation:

- 1.00 GENERAL
- 2.00 DESCRIPTION OF BUILDING/FACILITY
- 3.00 PRESENT CONDITION
  - .10 Exterior
  - .20 Interior (by rooms)
- 4.00 RECORD OF INSTALLED EQUIPMENT
- 5.00 PHOTOGRAPHS

Photographs of the various buildings, facilities and equipment were taken on the dates noted under each photograph in Section 5.00. To the extent practicable, views were selected to match previous photographs taken during the 01 February 1950 condition surveys. New photographs were taken of additional equipment installed after the previous surveys.

During the progress of the field surveys, each item listed in previous surveys as well as newly installed items were inspected by the field evaluation teams and conditions noted at the time of the survey. The terms used in denoting the present condition of architectural, structural, mechanical, electrical and finish features of the buildings and facilities are as follows:

### VERY GOOD CONDITION (VG)

A reasonably high order of perfection  
when compared to similar types of  
installations or structures of the  
same age.

## CRITERIA

(Continued)

### GOOD CONDITION (G)

Better than average condition when compared to similar types of installations or structures of the same age.

### FAIR CONDITION (F)

Average or typical of the condition of similar types of installations or structures of the same age.

### POOR CONDITION (P)

Below average condition when compared to similar types of installations or structures of the same age.

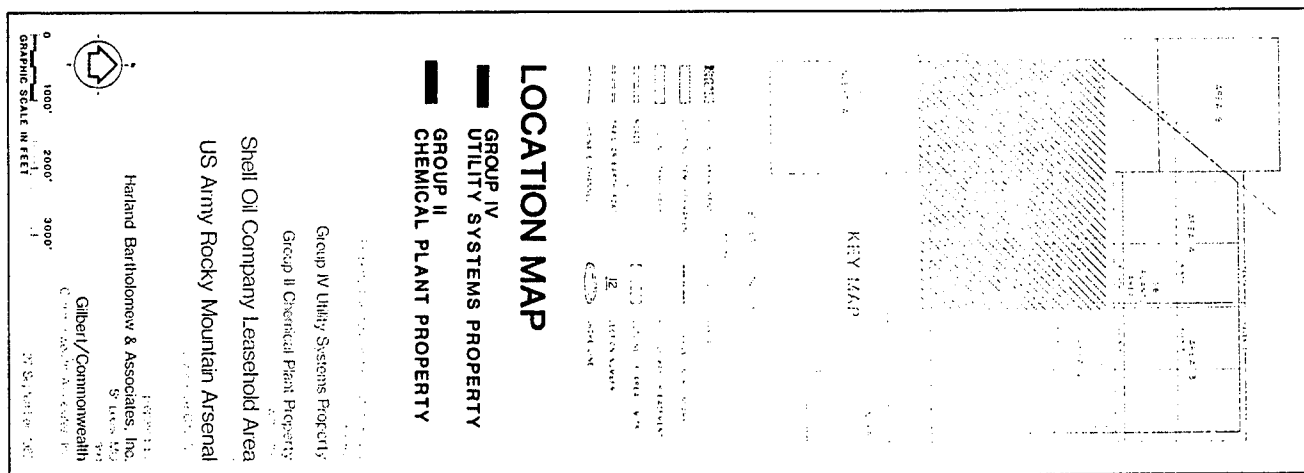
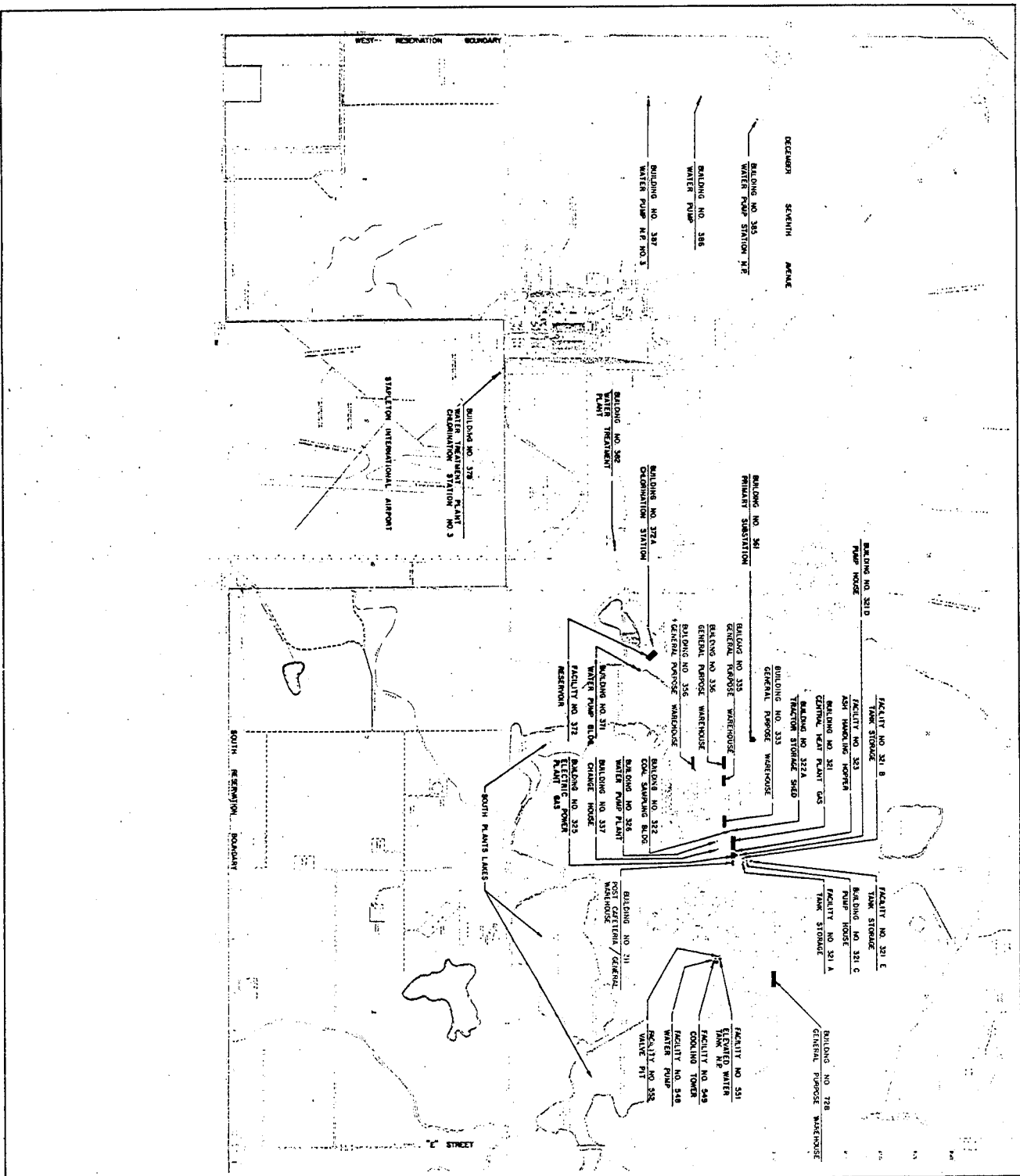
### REPAIRS NEEDED (RN)

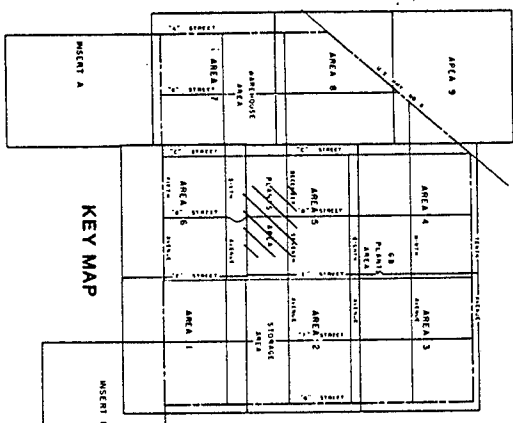
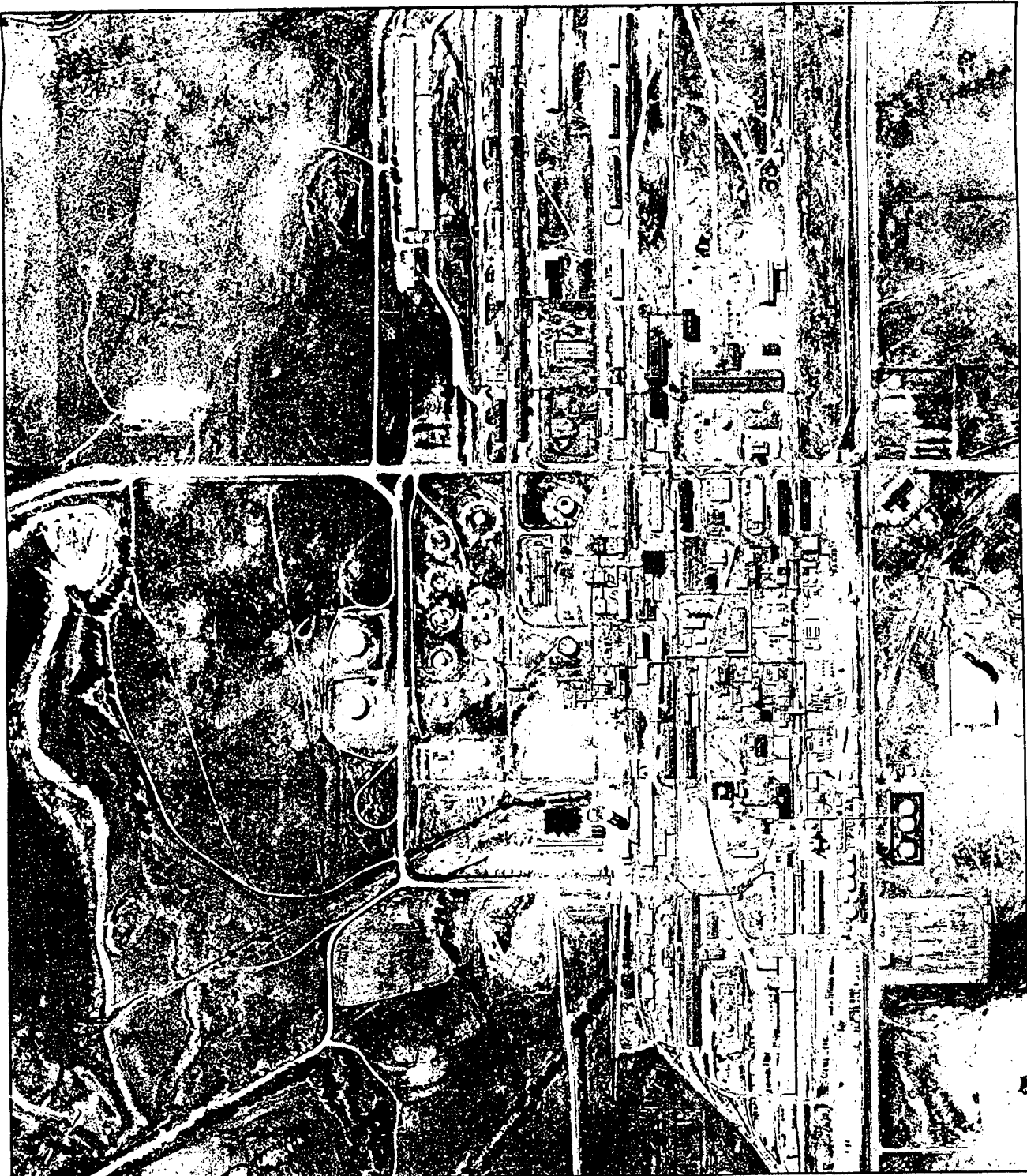
Condition of installation or structure is such that repairs or service is needed.

The code used to describe the condition of equipment entered under Section 4.00 RECORD OF INSTALLED EQUIPMENT is as follows:

<u>Term</u>	<u>Meaning</u>
N	New
E	Used, Reconditioned
O	Used, Usable w/o Repairs
R	Used, Unserviceable

<u>Term</u>	<u>Meaning (with percent of usable life remaining)</u>
1	Excellent (90-100)
2	Good (75-90)
3	Fair (50-75)
4	Poor (below 50)





# **AERIAL PHOTOGRAPH** **DATE OF FLIGHT : 16 AUGUST 1982**

Property Inventory and Condition Survey  
 by the  
 Group IV Utility Systems Property  
 and  
 Group II Chemical Plant Property  
 within the  
 Shell Oil Company Leasehold Area  
 at  
 US Army Rocky Mountain Arsenal  
 at  
 COVINGE, CO

prepared by:  
 Harland Bartholomew & Associates, Inc.  
 St. Louis, MO  
 and  
 Gilbert/Commwealth  
 Consulting Associates, Inc.  
 Denver, CO

27 September 1982

AERIAL PHOTOGRAPH BY:  
 COLORADO AERIAL PHOTO SERVICE  
 DENVER, CO

APPROXIMATE SCALE 1"=485'



Property Inventory and Condition Survey  
for the  
Group IV Utility Systems Property  
and  
Group II Chemical Plant Property  
within the  
**Shell Oil Company Leasehold Area**  
at  
**US Army Rocky Mountain Arsenal**  
Commerce City, CO

prepared by  
**Harland Bartholomew & Associates, Inc.**  
St. Louis, MO  
and  
**Gilbert/Commonwealth**  
Commonwealth Associates, Inc.

27 September 1982

**BUILDING NO. 325**  
**Power Plant Gas**





BUILDING NO. 325

POWER PLANT GAS

1.00 GENERAL

.10 Date of Property Inventory and Building Condition Survey:

26 August 1982

.20 Survey Personnel:

David Wiarda, A.I.A, Gilbert/Commonwealth

Fran Gagnon, P.E., Gilbert/Commonwealth

Bob Zarate, Gilbert/Commonwealth

.30 Technical Assistance:

Jim Canzona, Shell Oil Co.

.40 Photography:

Gary R. Smith, Harland Bartholomew & Associates, Inc.

.50 Category Code (AR415-28):

81140

.60 Size of Building/Facility:

67'-4" x 120'

.70 Year Built:

1942

.80 Original Plans Prepared by:

Whitman, Requardt and Smith

H. A. Kuljian and Company, Engineers

Denver, Colorado

BUILDING NO. 325

POWER PLANT GAS

2.00 DESCRIPTION OF BUILDING/FACILITY. Building 325 is a three story 67'-4" x 120' x 58' high structure with a concrete foundation and concrete column and beam construction. The spaces between the columns at the exterior walls are filled with structural clay tile. The structure has a built up 2-level roof. The upper east level is 58 ft. above the first floor and the lower west level is 54 ft. above the first floor. There are several man doors and wood sliding service doors as well as several fixed and adjustable louvers. The original coal bunkers, bunker building and coal conveying structures located on the north side of the building have been abandoned and/or removed. The first floor contains 2 boilers, a 6' x 15' laboratory, an uninterruptible power supply battery room, a transformer room, and a turbine condenser room. The second floor is divided into an upper boiler platform area, turbine and turbine control room, and office/toilet room. The upper boiler area has catwalks for access to the adjustable louvers. There are several metal and wood double hung windows throughout the structure and 3 windows have been bricked up. Four of the original windows have been replaced and a double wide service door has been added at the second level at the west end of the building. There is an electrical substation at the east end, and there are several above ground condensate make up tanks and piping at the exterior of the southwest corner of the building and a blow down tank at the exterior of the northwest corner of the building.

BUILDING NO. 325

POWER PLANT GAS

.10 MECHANICAL: Building 325, presently on standby status, generates electricity and steam for the south plants operations. There are two renovated combination gas and No. 6 oil firebox type boilers each rated at 115,000 lbs./hr. at 500 psi. The plant uses natural gas when available with oil standby backup. The system is designed to operate a two stage 7500 KW turbine supplying 175 psi steam (at 500°F) to other plants and 25 psi steam extraction to boost condensate temperature. The boilers utilize a continuous blowdown system where blowdown heat is partially reclaimed by a heat exchanger for use.

A remotely located spray pond provides cooling water to the turbine condenser. The condenser tank is cracked and needs repairs before using. Water softening and boiler water treatment equipment is located within this building. The turbine has not been used recently and needs minor repairs. The shaft has cold bow which is reported to straighten itself with use, rotation, and heat.

.20 ELECTRICAL: The boilers are controlled and operated from a central control panel located on the first floor. The I.D. and F.D. fans are controlled by circuit breakers at the turbine control panel in the turbine room on the second floor. Separate panels in the turbine room have controls for turbine steam flow, water supply pumps, and generator output controls and feeder switching controls. The boiler room has 6 steam coil unit heaters and there are 2 steam coil unit heaters in the condenser room. The turbine room has a make-up air heater steam coil.

BUILDING NO. 325

POWER PLANT GAS

3.00 PRESENT CONDITION. Building 325 is generally in good condition except for minor roof leaks. The roof is not in as poor condition as the Building 321 roof. The estimated useful life of this building (except the roof) from August 1982, with minimal maintenance and no building use change, is 20 years.

.10 Exterior: Building 325

Foundation: Concrete beams & piers (G).

Walls: Structural clay tile (G).

Roofing: Built up roofing (minor leaks) (P).

Flashing: Tarred felt (P).

Cornice/Trim: Concrete (G).

Doors: 5 - Hollow metal hinged (G).

4 - Built up wood sliding (F).

Hardware: Hinges, locks, rails (F).

Windows: Wood sash double hung.

Glazing: Common clear, four lights broken (F).

Paint Finish: Doors, sash, trim (F-P).

Miscellaneous: Six outside door light fixtures (F).

One outside spot floodlight fixture (G).

Several scattered broken clay tile (G).

General condition of the exterior of the building is good.

.20 Interior: Main Boiler Room - First Floor.

Floor: Concrete (G) with indications of slab settlement and cracking in vicinity of boilers.

BUILDING NO. 325

POWER PLANT GAS

Wall: Structural clay tile (G).

Ceiling: Open concrete where second floor exists around boilers (G).

Paint finish: Doors, sash, trim (F-P).

Doors: See exterior.

Hardware: Hinges, locks, rails (F).

Window: Wood sash double hung (F).

Metal sash double hung (G).

Glazing: Common clear (need cleaning) (F).

Electrical: As shown on plans.

Plumbing: Drink fountain (G).

Heating: 6 - Steam fired unit heater (F).

Miscellaneous: 1 - Stand up service desk (G).

1 - Wood office desk (G).

1 - 8' Picnic table (F).

1 - Refrigerator (F).

1 - Microwave (F).

1 - Manlift (F).

4 - Metal full height lockers (G).

General condition of boiler room is good.

.21 Interior: Turbine Condenser Room - First Floor.

Floor: Concrete (G).

BUILDING NO. 325

POWER PLANT GAS

Wall: Structural clay tile (G).

Ceiling: Concrete (G).

Paint finish: Doors, sash, trim (F).

Doors: 1 - Hollow metal solid hinged (G).

1 - Hollow metal double solid hinged (G).

Hardware: Hinges, locks, rails (F).

Window: Wood sash double hung (F).

Glazing: Common clear (F).

Electrical: As shown on plans.

Plumbing: Shower/Eyewash (G).

52 gal. hot water heater (F).

Heating: 2 - unit heaters (F).

Miscellaneous: 1 - 50 lb. CO<sub>2</sub> fire extinguisher tank and cart RMA 214 (G).

1 - Doyle portable vacuum cleaner, Ser. No. 2AA0544 (F).

General condition of condenser room is good.

.22 Interior: Transformer Vault - First Floor

Floor: Concrete (G).

Wall: Structural clay tile (G) and brick (G).

Ceiling: Concrete (G).

Paint finish: Doors, trim (F).

Doors: 1 - Hollow metal solid hinged (G).

1 - Built up wood sliding (F).

BUILDING NO. 325

POWER PLANT GAS

Hardware: Hinges, locks, rails (F).

Window: None

Glazing: None

Elect: 3 - 333 KVA transformers (G).

Incandescent lighting as on plans (F).

Plumbing: None

Heating: None

Miscellaneous: One dozen assorted office chairs (P).

General condition of transformer vault room is good.

.23 Interior: Battery Room - First Floor.

Floor: Concrete (G).

Wall: Structural clay tile (G) and brick (G).

Ceiling: Concrete (G).

Paint Finish: Doors, sash, trim (F).

Doors: Wood Panel (F).

Solid hinged w/ louver (F).

Hardware: Hinges, locks (G).

Window: Wood sash double hung (F-P).

Glazing: Common clear (G).

Electrical: 5 - Square D disconnects (F).

3 - Bulldog disconnects (F).

Plumbing: None

BUILDING NO. 325

POWER PLANT GAS

Heating: None

Miscellaneous: 1 - Stand up service desk (G).

General conditon of battery room is good.

.24 Interior: Laboratory - First Floor.

Floor: Concrete (G).

Wall: Structural clay tile (G) fiberboard (F).

Ceiling: Fiberboard (F).

Paint Finish: Walls, ceiling, doors, sash, trim (F-P).

Doors: Wood panel solid hinged (F).

Hardware: Hinges, locks (F).

Window: Wood sash double hung (P).

Glazing: Common clear (G).

Electrical: 2 - 2 tube flourescent ceiling units (F).

1 - Exhaust fan (F).

1 - Clock (F).

2 - Switch (G).

Plumbing: 6 - Duplex receptacle (G).

Metal double sink w/ fixtures (F).

Heating: 2 fin tube wall mounted (F).

Miscellaneous: Metal cabinet and counter (P).

6 - Valves and piping (P).

2 - Chairs (P).



BUILDING NO. 325

POWER PLANT GAS

1 - Metal stool (P).

1 - Bulletin Board (F).

.30 Interior: Boiler Room - Second Floor.

Floor: Concrete (G).

Wall: Structural clay tile (G).

Ceiling: Wood plank/truss (G).

Paint Finish: Doors, sash, trim (F-P).

Doors: Built up wood hinged double service door (F).

Hardware: Hinges, locks (F).

Window: Wood sash double hung (F).

Glazing: Common clear (G).

Electrical: As shown on plans.

Plumbing: None

Heating: None

Miscellaneous: Concrete stairs, wood rails (F).

Wood/metal catwalks/stairs (G).

3 - Fire hose on hose reels (wall mounted) (F).

1 - Roof ladder (interior) (F).

General condition of boiler room - second floor is good.

.31 Interior: Turbine Generator Room - Second Floor.

Floor: Concrete (G).

BUILDING NO. 325

POWER PLANT GAS

Wall: Structural clay tile (G).

Ceiling: Wood frame/truss (F).

Paint Finish: Floor, doors, sash trim (F-P).

Doors: 1 - Metal solid hinged (F).

1 - Metal double solid hinged (F).

1 - Built up wood sliding glazed w/ 1 wood panel solid hinged (G).

Hardware: Hinges, locks, rails (F).

Window: Wood sash double hung; 3 bricked, 3 boarded (F).

Glazing: Common clear (G).

Electrical: As shown on plans.

Plumbing: None

Heating: Wall hung fin pipe radiator (F).

Miscellaneous: 12 - Shop made wood clothes lockers (F).

2 - Fire extinguishers (348969, 480757) (F).

1 - Steel workbench w/ vise (F).

1 - Wood map file (F).

1 - Desk (wood) (F).

1 - wood storage cabinet (F).

1 - 4 ton chain fall (G).

General condition of turbine generator room is good.

.32 Interior: Office and Telephone Room - Second Floor.

Floor: Concrete w/ vinyl asbestos tile (G).

BUILDING NO. 325

POWER PLANT GAS

Wall: Structural clay tile (G) and fiberboard (F).

Ceiling: Wood frame and fiberboard (F).

Paint Finish: Doors, sash trim (F).

Doors: 2 - Wood panel glazed hinged.

Hardware: Hinges, locks (F).

Window: Wood sash double hung ext. (F).

2 - Wood sash double hung interior (G).

Glazing: Common clear (G).

Electrical: 1 - 4 tube fluorescent ceiling unit (F).

1 - Incandescent pendant ceiling unit (F).

Plumbing: None

Heating: 2 - Fin tube radiator wall mounted (F).

Miscellaneous: 1 - Wood office desk (F).

1 - Wood office chair (F).

2 - Metal letter files (F).

1 - Shop-made disc recorder file (F).

1 - Plastic trash can (F).

General condition of office/telephone room is good.

.33 Interior: Toilet Room - Second Floor.

Floor: Concrete (G) w/ vinyl asbestos tile.

Wall: Structural clay tile (G).

Ceiling: Celotex fiberboard (P).

BUILDING NO. 325

POWER PLANT GAS

Paint Finish: Walls, door, sash, trim (F-P).

Doors: Wood panel solid hinged (F).

Hardware: Hinges, locks (F).

Window: Wood sash double hung (P).

Glazing: Common clear (G).

Electrical: 1 - Switch (F).

1 - Incandescent pendant ceiling unit (F).

Plumbing: 1 - Lavatory (G).

1 - Water closet (G).

Heating: Steam fin pipe radiator (F).

Miscellaneous: 1 - Wall mirror (G).

1 - Soap, towel, tissue dispenser (G).

General condition of toilet room is good.

.40 Interior: Sump Room - Basement

Floor: Concrete (G).

Wall: Concrete (G).

Ceiling: Concrete (G).

Paint Finish: None

Doors: None

Hardware: None

Window: None

Glazing: None

BUILDING NO. 325

POWER PLANT GAS

Electrical: 3 - Incandescent pendant ceiling unit (F).

Plumbing: Sump Pump (F).

Heating: None

Miscellaneous: General condition of basement is good.

4.00 RECORD OF INSTALLED EQUIPMENT

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										1
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING No.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)				AUGUST 1982 CONDITION CODE AND REMARKS			
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)		
1	Bowl, Toilet, flush valve	18"x14" x 15"	Downing				1	1	0-3	
2	Fountain, drinking, wall type Relocated to water test area near boilers		Taylor				1	1	0-2	
3	Lavatory, vitreous china	18"x20"	Kohler				1	1	0-3	
4	Mirror	14"x20"					1	0	0-3	
5										
6										
7										
8										
9										
10										
11										

RECORD OF EQUIPMENT IN PLACE										CARD No.	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										1A	
ACCOUNT			BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY			BUILDING No.		DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD			325		Power Plant						
STATION			STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)								
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL (9)	AUGUST 1982 CONDITION CODE AND REMARKS		
1	Inventory 14 Nov. 1947										
2	Inventory 23 Aug. 1948										
3	Mar 15 '49 INVENTORY										
4	AMMETER, Mfg. Westinghouse, Type EA, Style No. 938544, C.T. Ratio 400-5 F.S.=Amps, Ser #2181391-RMA 3556	15-300 cy. 0-400 amps.	Westinghouse				1	1	0-3		
5											
6	AMMETER, RMA #3557, Ser. #2181392, Type EA, Style No. 938544, C.T. Ratio 400-5 F.S.=Amps.	15-300 cy. 0-400 amps.	Westinghouse				1	1			
7	AMMETER, RMA #3558, Ser. #2181390, Type EA, Style No. 938544, C.T. Ratio 400-5 F.S.=Amps.	15-300 cy.	Westinghouse				1	1			
8	BAROMETER, vacuum, recording, RMA #4236.	8" Dial	Vehling Instr. Co.				1	1	Probably removed		
9	BASE, Motor, Mfg. Reeves, Adjustable for speed control, RMA #7720		Reeves								
10	BASE, Motor, Adjustable for speed control, RMA #7722.		Reeves								
11	BATTERIES, Storage, Type EM-9, 72 hr. cap. 232 Amps. hrs., 8 hr. cap. 160 Amps. Mrs., RMA #2618.	60 cells	Exide						0-4		



RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										2
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)							
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CODE AND REMARKS	
1	BLOWER, Centrifugal, RMA #5380	5-1/2E	Buffalo Forge						0-3	
2	BLOWER, Centrifugal, RMA #5382	5-1/2E	Buffalo Forge				1	1	0-3	
3	BLOWER, Model #350-A-1, Centrifugal, horizontal, Ser. #W-8780-G, RMA #5386	2 belt drive	American Blower Corp.				1	1	0-3	
4	BLOWER, Soot, RMA #9255		Diamond Power Specialty Corp.				1	1	0-3	
5	BLOWER, Soot, RMA #9256		Diamond Power Specialty Corp.				1	1	0-3	
6	BLOWER, Soot, RMA #9258		Diamond Power Specialty Corp.				1	1	0-3	
7	BLOWER, Soot, RMA #9259		Diamond Power Specialty Corp.				1	1	0-3	
8	BLOWER, Soot, RMA #9260		Diamond Power Specialty Corp.				1	1	0-3	
9	BLOWER, Soot, RMA #9261		Diamond Power Specialty Corp.				1	1	0-3	
10	BLOWER, Soot, RMA #9262		Diamond Power Specialty Corp.				1	1	0-3	
11	BLOWER, Soot, RMA #9263		Diamond Power Specialty Corp.				1	1	0-3	

RECORD OF EQUIPMENT IN PLACE					CARD NO.				
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.					2A				
ACCOUNT			BUILDING IDENTIFICATION SECTION						
PROPERTY INVENTORY AND CONDITION SURVEY			BUILDING NO.		DESIGNATION AND LOCATION				
SHELL OIL COMPANY LEASEHOLD			325		Power Plant				
STATION			STATION (If other than account)						
US ARMY ROCKY MOUNTAIN ARSENAL									
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Extricate quantity to indicate removal)						
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOL. NO. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	BLOWER, Soot, RMA #9264		Diamond Power Specialty Corp.						0-3
2	BLOWER, Soot, RMA #9265		Diamond Power Specialty Corp.				1	1	0-3
3	BLOWER, Soot, RMA #9996		Diamond Power Specialty Corp.				1	1	0-3
4	BLOWER, Soot, RMA #9268		Diamond Power Specialty Corp.				1	1	0-3
5	BLOWER, Soot, RMA #9992		Diamond Power Specialty Corp.				1	1	0-3
6	BLOWER, Soot, RMA #9993		Diamond Power Specialty Corp.				1	1	0-3
7	BLOWER, Soot, RMA #9994		Diamond Power Specialty Corp.				1	1	0-3
8	BLOWER, Soot, RMA #9995		Diamond Power Specialty Corp.				1	1	0-3
9	BLOWER, Soot, RMA #9998		Diamond Power Specialty Corp.				1	1	0-3
10	BLOWER, Soot, RMA #10000		Diamond Power Specialty Corp.				1	1	0-3
11									

RECORD OF EQUIPMENT IN PLACE										CARD No.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										3
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING No.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		NAME OF MANUFACTURER			UNIT VALUE	DATE	YOU No	QT.	BAL	AUGUST 1982 CONDITION CODE AND REMARKS
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	BOILER, Cl. SPL, consists of 1,026 3-1/4" tubes inclosed in one steel drum 48" dia. and one mud drum 36" dia., cap. her hr. 115,000 designed pressure 425 lbs., steam temp. 700°F., built on contract S-9226, with 2-4" and 1 pressure relief valves,	open hearth steel 55,000 lbs.	Babcock & Wilcox				1	1	0-3	
2	BOILER, Cl. Spl, consist of 1,026 3-1/4" tubes inclosed in one steel drum 48" dia. and one mud drum 36" dia., cap. per hr. 115,000 designed pressure 425 lbs., steam temp. 700°F., built on contract S-9226, with 2-4" and 1 pressure relief valves, (RMA #8930) super heated, 2 ash hoppers & pressure gauge.	open hearth steel 55,000 lbs.	Babcock & Wilcox				1	1	0-3	
3	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2621.	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-2	
4	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2622.	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-3	
5	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2623.	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-3	
6	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2624.	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-2	

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										3A
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.		DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD		325		Power Plant						
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL.										
ITEM AND DESCRIPTION		NAME OF MANUFACTURER				INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)				
NO	ARTICLE, TYPE, AND MODEL	SIZE	UNIT VALUE	DATE	VOU. No.	QT.	BAL.	AUGUST 1982 CONDITION CODE AND REMARKS		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2625.	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-2	
2	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2626.	600 volts AC Westing- 250 volts DC house 600 amps							0-3	
3	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2627.	600 volts AC Westing- 250 volts DC house 600 amps							0-2	
4	BREAKER, Circuit, Air, Type BK-25, RMA #2628.	600 volts AC Westing- 250 volts DC house 600 amps							0-3	
5	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2629	600 volts AC Westing- 250 volts DC house 600 amps					1	1		
6	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2630	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-2 was replaced	
7	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2631	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-2 was replaced	
8	BREAKER, Circuit, Air, Type BK-25, Frame Ser., RMA #2632	600 volts AC Westing- 250 volts DC house 600 amps					1	1	0-2	
9	BREAKER, Circuit, Air, Type 2 pole closing coil, 125 V. DC, shunt trip 125V, DC, RMA #3280	250 volts DC G.E. 500 amps					1	1	0-2	
10	CHARGER, Battery, 132V, 12A output Ser. #EC-68215 Model 130A 1612.	115 V 30 A								
11	CLOCK, Type B2, 60 cycles 2 watt., RMA #4151.	115 V					1	1	0-3	

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										4
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.		DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD		325		Power Plant						
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)								
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	CLOCK, Electric, RMA #4233 Broken seconds indicator.	10" dia	James P. Marsh				1	1	0-3	
2	COLUMN, Water, Max. WSP 500, 650°F., #2758, w/high-low alarm.		Burns				2	1	0-2	
3	COLUMN, Water, Max. WSP 500, 650°F., No. 2758, w/high-low alarm, RMA #5535.		Burns				1	1	0-3	
4	COMPENSATOR, Polyphase, reactive component, style 445955, Ser. #1697327, RMA #4209.	115 V 60 Cy.	Westinghouse				1	1	0-3	
5	COMPRESSOR, automatic unloader relief valve air cooler, Ser. #62538, RMA #5039.	6-1/2 x 3-1/2 x	Worthington				1	1	0-3	
6	COMPRESSOR, automatic unloader relief valve air cooler, Ser. #62540, RMA #5040.	6-1/2 x 3-1/2 x 4	Worthington						0-3	
7	CONTROL, Damper, Type A768, Ser. #90229, RMA #7721.		Bailey Meter				1	1	0-3	
8	CONTROL, Damper, Type A768, Ser. #90228, RMA #7724.		Bailey Meter				1	1	0-3	
9	CONTROL, Draft Damper, Type A768 Ser. #90231, RMA #7888.		Bailey Meter				1	1	0-3	
10	CONTROL, Draft Damper, Type A768, Ser. #90230, RMA #7745.		Bailey Meter				1	1	0-3	
11										

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										4A
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)								
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	CONTROL, Furnace Draft, w/supply pressure gauge 0 lb.-60 lb., loading pressure gauge 0 lb.-35 lb., Type A3, Ser. #89006, RMA #4148.		Bailey Meter				1	1	0-3	
2							1	1	0-3	
3	CONTROL, Motor, adaptable, catalog #561, RMA #2634.	115 V DC .07 Amps	Edwards & Co.				1	1	0-3	
4	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89858, RMA #4144.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
5	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89856, RMA #4145.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
6	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89854, RMA #4146.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
7	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89851, RMA #4147.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
8	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89858, RMA #4158.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
9	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89852, RMA #4159.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
10	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89855, RMA #4160.	0-35 lb.	Bailey Meter Co.				1	1	0-3	
11	CONTROL, Remote-Air, w/2 pressure gauges, and hand automatic reset. Serial #89857, RMA #4161.	0-35 lb.	Bailey Meter Co.				1	1	0-3	

# RECORD OF EQUIPMENT IN PLACE

CARD NO. 5

For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.

ACCOUNT

PROPERTY INVENTORY AND CONDITION SURVEY  
SHELL OIL COMPANY LEASEHOLD

STATION

US ARMY ROCKY MOUNTAIN ARSENAL

BUILDING NO.

325

STATION (If other than account)

DESIGNATION AND LOCATION

Power Plant

BUILDING IDENTIFICATION SECTION

## ITEM AND DESCRIPTION

## INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)

NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	YOU. NO. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	CONTROL, Remote-Air, Furnace Draft, w/2 pressure gauges, hand auto- matic reset, Type A3, Ser. #89005, RMA #4162	0-35 lb.					1	1	
2									
3	CONTROL, Stoker Speed, Type A748, Ser. #90233, RMA #7731		Bailey Meter Co.				1	1	
4	CONVEYOR, Coal, roller chain type, inclined from 18" to 6' w/hopperunloading chute, (RMA #8093)	24" wide x 30' long	Link Belt				1	1	
5									
6	COOLER, Oil, vertical steel, Ser. #2A8053-2, RMA #9980.	250 sq. ft.	Westinghouse				1	1	0-3
7	CRANE, No. 16780, manually opera- ted approx. 30' long, mounted on 4 wheels on 2 tracks w/block and winch, RMA #8096.	25 ton cap.	Shaw-Box Crane Hoist Co.				1	1	0-3
8							1	1	
9	DRIVE, Grate, for revolving grate in furnace, RMA #5530 For coal handling system.		Detroit Stoker Co.				1	1	
10	DRIVE, Grate, for revolving grate in furnace, RMA #5531.		Detroit Stoker Co.				1	1	
11	ELEVATOR, completely enclosed, RMA #8097.		E. C. Horne Mach. Co.				1	1	0-3

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										5A
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)								
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	YOU. NO. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	EVACUATOR, Air Pump, Type 435-RS- RS, SH for 280°F., order No. MY-2004, RMA #9981.	Pressure 300 lb.	Croll Reynolds					2	0-3	
2	EXCHANGER, Heat, horizontal, steel, counter flow tube, RMA#9273	1' dia x10'	Elgin				1	1	0-3	
3	FAN, Type SL, super limit load, order No. A-6648, totally en- closed RMA #12321		Buffalo Forge Co.				1	1	0-3	
4	FAN, I.D., Type SL, super limit load, order A-6648, totally en- closed, RMA #12322.		Buffalo Forge Co.				1	1	0-3	
5	FAN, F.D., Type SL, super limit load, Ser. #A-6125, RMA #5379.		Buffalo Forge Co.				1	1	0-3	
6	FAN, F.D., Type SL, super limit load, Ser. #A-6125, RMA #5381.		Buffalo Forge Co.				1	1	0-3	
7	FILTER, Activated coke type, RMA #8924.	30 cu ft cap.	Bailey Meter Co.				1	1	0-3 Replaced with equal unit	
8	GAUGE, pressure, steel, tube 1077- BW Duragage, Range 30" vacuum, Ser. #11082001, RMA #4217.	700 lb.	Ashcraft				1	1	0-3	
9	GAUGE, pressure, bronze, tube 1077-AW, vacuum exhaust, Ser. #B11082008, RMA #4218.	Range 0-30"	Ashcraft				1	1	0-3	
10	GAUGE, pressure, steel tube 1077- BW, Ser. #811080002, RMA #4219.	Range 0-250 lb.	Ashcraft				1	1	0-3	
11	GAUGE, pressure, bronze tube 1077- AW, Ser. #B11082010, RMA #4220.	Range 0-30"	Ashcraft				1	1	0-3	



# RECORD OF EQUIPMENT IN PLACE

For use of this form, see AR 735-28; the proponent agency is the Office of the Comptroller of the Army.

CARD NO.

6

## ACCOUNT

PROPERTY INVENTORY AND CONDITION SURVEY  
SHELL OIL COMPANY LEASEHOLD

## BUILDING IDENTIFICATION SECTION

BUILDING NO.  
325

DESIGNATION AND LOCATION  
Power Plant

STATION (If other than account)

US ARMY ROCKY MOUNTAIN ARSENAL

## ITEM AND DESCRIPTION

## INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)

NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	GAUGE, pressure, bronze tube 1077-AW, range 0-60 lb., Ser. #B11083002, RMA #4221.	Range 0-60 lbs.	Ashcraft				1	1	0-3
2	GAUGE, pressure, bronze tube 1077-AW, range 0-60 lb., Ser. #11683003, RMA #4222.	Range 0-60 lbs.	Ashcraft				1	1	0-3
3	GAUGE, pressure, bronze tube 1077-AW, range 0-60 lb., Ser. #3-11080008, RMA #4223.	Range 0-60 lbs.	Ashcraft				1	1	0-3
4	GAUGE, pressure, bronze tube 1077-AW, Ser. #D12469004, RMA #4224.	Range 0-100 lbs.	Ashcraft				1	1	0-3
5	GAUGE, pressure, bronze tube 1077-AW, Ser. #B12469001, RMA #4230	Range 0-100 lbs.	Ashcraft				1	1	0-3
6	GAUGE, steel tube 1077-BW, pres- sure, vacuum 400 lb. pressure, Ser. #B11082003, RMA #4225.	Range 30"	Ashcraft				1	1	0-3
7	GAUGE, bronze tube 1077-AW, vacuum 60 lb. pressure, Ser. #B11082006, RMA #4226.	Range 30"	Ashcraft				1	1	0-3
8	GAUGE, pressure, bronze tube 1077-AW, Ser. #B-1108000, RMA #4227.	Range 0-15 lbs.	Ashcraft				1	1	0-3
9	GAUGE, pressure, bronze tube 1077-AW, Ser. #B11080006, RMA #4228.	Range 0-60 lbs.	Ashcraft				1	1	0-3
10	GAUGE, pressure, bronze tube 1077-AW, Ser. #B11083006, RMA #4229.	Range 0-60 lbs.	Ashcraft				1	1	0-3
11	GAUGE, mastergauge, type 102, RMA #4234.	Range 0-600 lbs.	James P. Marsh				1	1	0-3 Throttling Pressure

# RECORD OF EQUIPMENT IN PLACE

For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.

CARD No.

6A

## ACCOUNT

PROPERTY INVENTORY AND CONDITION SURVEY  
SHELL OIL COMPANY LEASEHOLD

## STATION

US ARMY ROCKY MOUNTAIN ARSENAL

## BUILDING No.

325

STATION (If other than account)

## DESIGNATION AND LOCATION

Power Plant

## ITEM AND DESCRIPTION

## INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)

No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	YOU. No (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	GAUGE, mastergauge, type 102, RMA #4235. 17.5	Range 0-600 lbs.	James P. Marsh				1	1	Extraction pressure defective & replaced w/Ashcroft
2									
3	GAUGE, mastergauge, type 102, RMA #4237 Pressure, condenser	Range RQ. 0- 200 lbs.	James P. Marsh				1	1	R-4 Broken face glass
4	GAUGE, mastergauge, type 102, RMA #4238 Pressure, 25# ex- traction.	Range RQ. 0- 100 lbs.	James P. Marsh				1	1	0-3
5	GAUGE, liquid level, type VT, Model B-1060, Ser. #953, RMA #7742.	Range 60#	Meriam				1	1	0-3
6	GAUGE, draft, multipoint 7 dial, type P7F, Ser. #47590, RMA #4141.		Bailey Meter Co.				1	1	0-3
7	GAUGE, draft, multipoint 7 dial, type P7F, Ser. #47589, RMA #4155		Bailey Meter Co.				1	1	0-2 (on boiler control panel)
8	GAUGE, water level, electric type, w/gong, high-low alarm for water column, RMA #2635.		Edwards & Co.				1	1	
9	GENERATOR, DC, # 150, type SK, 50 KW, 1135 RPM, shaft marked 150-IT-172B, compound wound, Mo- tor Type CCL, 75 H.P., 440 volts, 3 phase, 60 cycles, 1135 RPM, Ser. #1305583, common shaft con- nects motor and generator, Motor RMA #134; Generator Ser. #1305585 #1305585, RMA #2720.	125 V. 400 amps.	Westinghouse				1	1	R-4 needs repair on commutator and brushes
10									
11									

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										7
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)								
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. NO. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CODE AND REMARKS	
1	GENERATOR, AC, 3 phase, 60 cy., cap. 9375 AVA, 392 Amps., 80% P.F., 3600 RPM, exc. amp. 325, exc. volts 1.25, instruction book 5449, Ser. #1S15P710, RMA #2620.	13,800 volts	Westinghouse				1	1	R-4	
2	GENERATOR, DC, 45 KW, 125 volts, 360 amps., 3600 RPM, Inst. Book 5107, Ser. #5S15P855, RMA #2619	125 V. 360 Amps	Westinghouse				1	1	0-4	
3	HEATER, deaerating, steel, vertical, float control valve, overflow valve, safety valve	6' x 14'	Elliot				1	1	0-3	
4	condenser vent. 2 sight glass gauges, Ser. #4935, RMA #9272.									
5	HEATER, unit, horizontal discharge, steel tubes		Trane				3	3	0-3	
6	HEATER, vertical discharge		Trane				3	3	0-3	
7	HEATER, Boiler Feed, closed, insulated, vertical, steel, RMA #9274.	20" dia. x 14'	Elliot				1	1	0-3	
8	METER, Resonant Circuit, Frequency Range Meter, Style 931813, Ser. #1650617, RMA #4166.	Range 58 to 62	Westinghouse				1	1	0-3	
9	METER, Amps., Mfg. Westinghouse style 931764, type HA, Ser. #1682273, RMA #4167.	15-300 cy. Range 0-500	Westinghouse				1	1	0-3	
10	METER, Amps., Mfg. Westinghouse style 931764, type HA, Ser. #1558292, RMA #4168.	15-300 cy. Range 0-500	Westinghouse				1	1	0-3	
11										

RECORD OF EQUIPMENT IN PLACE										CARD No.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										7A
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING No.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)							
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CODE AND REMARKS	
1	METER, Amps., style 931764, type HA, Ser. #1670763, RMA #4169.	15-300 cy. Range 0-500	Westinghouse				1	1	0-3	
2	METER, Amps., style 931764, type HA, Ser. #1697328, RMA #4173.	15-300 cy. Range 0-500	Westinghouse				1	1	0-3	
3	METER, Type HY, Megawatts, style DME-8003, range 0-12, Ser. #1658591, RMA #4171.	Range 0-12	Westinghouse				1	1	0-3	
4	METER, Kilovolt, style 817861-4 BP13800, AC, Ser. #9397339, RMA #4170.	Range 0-15	Westinghouse				1	1	0-3	
5	METER, Kilovolt, style 817861-4, BP13800, AC, Ser. #188733, RMA #4163.	Range 0-15	Westinghouse				1	1	0-3	
6	METER, Kilovolt, style 817861-4, BP 13800, AC, Ser. #1397329, RMA #4164.	Range 0-15	Westinghouse				1	1	0-3	
7	METER, Type HY, style 933889, Megavar, Ser. #1897327, RMA #4172.		Westinghouse				1	1	0-3	
8	METER, Type HX, thermo, style 1094985, Ser. #1696738, RMA #4174.	Range 0-150°C.	Westinghouse				1	1	0-3	
9	METER, Type R12, 3 wire, 14400/120 volts, 8000 primary 230 secondary, recording and inter-grating, KVA, RMA #4175.	500/5 amps. 3°, 60 cy.	Westinghouse				1	1	0-3	
10										
11	METER, Volt, style 931980, Ser. #1676247, RMA #4191.	Range 0-150 DC	Westinghouse				1	1	0-3	

RECORD OF EQUIPMENT IN PLACE										CARD No.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										8
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING No.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)								
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	METER, Integrating, dial type 3", RMA #7725.	cap. 200,000 gal. x 100 gal.	Badger				1	1	0-3	
2	METER, Integrating, dial type, 3", RMA #7726.	cap. 200,000 gal. x 100 gal.	Badger				1	1	0-3	
3	METER, Air Flow, Type MT, w/gauge and thermometer. Ser. #58841, RMA #7760.		Croll Reynold				1	1	0-3	
4	METER, Amp., Switchboard DC, model 502, surface mounted, scale 0-400 Amps., complete w/8' cable and Model 9992 switchboard shunt no. 38797, RMA #4216.	Range 50 mill volts	Weston				1	1	0-3	
5									Aux. Exciter	
6	METER, Kilovolt, Recorder, Type GX-40, style RVR-11478-1, 150 volts=F.S., PT 2400/220, Ser. # 2212265, RMA #3519.		Westinghouse				1	1	0-3	
7										
8	METER, Volts, Model 502, Ser. #39463, RMA #4214, DC.	Range 0-150	Weston				1	1	0-3	
9	METER, Volt, Model 502, main exc. C-25 aux. ex., Ser. #39464, RMA #4215.	Range 0-25 + or -	Weston				1	1	0-3	
10	MOTOR, Name plate missing, RMA #680.						1	1	0-3	
11	MOTOR, Name plate missing, RMA #681.						1	1	0-3	

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										8A
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.		DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD		325		Power Plant						
STATION		STATION (if other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Excircle quantity to indicate removal)					AUGUST 1982 CONDITION			
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	CODE AND REMARKS	
1	MOTOR, 1 H.P., Type H, Frame 204, Model 5J204A1362, 2.96/1.48 Amps., 1725 RPM, Code 1 55° Cont. Ser. #FW313, RMA #659.	220/440V 3 phase 60 cy.	G.E.				1	1	0-3	
2										
3	MOTOR, 1 H.P., Type K, Frame 204, Model 5J204A1362, 2.96/1.48 Amps., 1725 RPM, Code L 55° Cont. Ser. #FW 4175, RMA #665.	220/440V 3 phase 60 cy.	G.E.				1	1		
4										
5	MOTOR, 1 H.P., direct drive, 1750 RPM, 3.2/1.6 Amps., 40°C. Cont., No. H18, open, vertical, Ser. #430348, RMA #1554.	220/440V 3 phase 60 cy.	Peerless				1	1		
6										
7	MOTOR, 1-1/2 H.P., 1750 RPM, Model CSM-204-AA8-4BE, 14.8/8.9 Amps., 40° Cont., Ser. #W10, RMA #684.	60 cy. 1 phase 15/230V	Century Mfg. Co.				1	1		
8										
9	MOTOR, 1-1/2 H.P., Type IS, Frame 224, Class R, Form B., Code F, 1750 RPM, 55° Cont., 4.4/2.2 Amps., Ser. #442189, RMA #664.	220/440V 3 phase 60 cy.	Louis Allis				1	1	0-3	
10										
11	MOTOR, 2 H.P., Type K, 1735 RPM, Model 5K225A, 222 Frame, Series GK-7152, RMA #1683.	220 V 3 phase 60 cy.	G. F.							

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										9
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)							
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	MOTOR, 1-1/2 H.P., Type IS, frame 224, Cl. R., Form B, Code F, 1750 RPM, 55° Cont., 4.4/2.2 Amps., w/vari-speed sheave, Ser. # not available, RMA #666.	220/440V 3 ph 60 cy.	Louis Allis				1	1	0-3	
2										
3	MOTOR, 5 H.P., Type K, 220/440V, TEFC, Model 5K254B103, Frame 254, 13.9/6.95 Amps., 1730 RPM, 55° Cont., w/speed reducer, Ser. # 8874449, RMA #655.	220/440V 3 phase 60 cy.	G.E.				1	1	0-3	
4										
5	MOTOR, 7-1/2 H.P., Type M, Tri-Clad, Model 5K284D10, Code G, Frame-284, 20/10-Amps., 1735 RPM, switch, Ser. #MX16189, RMA #660; Ser. # NX14973, RMA #661.	220/440V 3 phase 60 cy.	G.E.				1	1	0-3	
6							2	240°	Cont., w/pressure	
7	MOTOR, 7-1/2 H.P., Type OX, 440V 3 phase, frame 254, class D, Form G, Code G, 3490 RPM, RMA #663.	440V 3 phase 60 cy.	Louis Allis Ash Polling				1	1	0-3	
8	MOTOR, 7-1/2 H.P., Type OX, frame 254, class D, Form G, Code G, 3490 RPM, RMA #669.	440 V 3 phase 60 cy.	Louis Allis				1	1	0-3	
9	MOTOR, GE, gear type 220/440 volt 3 phase, 60 cycles, Model 5K63AC 971A, Gear-No. 76332339, Gear Speed 29.5 RPM, Ratio 58.3-1, Motor Speed 1725 RPM, .9 Amps., Ser. #BY, RMA #676.	1/2 H.P.	G.E.				1	1		
10										
11										

RECORD OF EQUIPMENT IN PLACE										CARD No.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										9A
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING No.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)								
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	MOTOR, Direct Drive, Type AR, 220/440 volts, 3 phase, 60 cy. 1750 RPM, 36/18 Amps., Frame 326, 40°-24 hrs., Ser. #731E- M9515-286, Shell #1515.	15 H.P. S/M # 665264	Louis Allis				1	1		
2										
3	MOTOR, Direct Drive, Type AR, 220/440 volts, 3 phase, 60 cy., 1750 RPM, 36/18 Amps., Frame 326, 40°-24 hrs., Ser. #731E-M9515- 282; RMA #678.	15 H.P.	Allis Chalmers				1	1	0-3	
4										
5	MOTOR, 8 V-belt drive, type QO, 220 volts, 3 phase, 60 cy. line-start, Frame RW 365, 1145 RPM, 43.6/21.8 Amps., Ser. # 387332, RMA #685.	15 H.P.	Fairbanks Morse				1	1	Problem on conveying system removed.	
6										
7	MOTOR, Type C.S., 220/440 volts, 3 phase, 60 cycles, Induction Type, line start class 1, frame 365, 1170 RPM, 38.6/19.3 Amps., 55° Cont., Code F, style 1071058, Ser. #1842, RMA #590.	15 H.P.	Westinghouse				1	1	Probably assoc. w/old stoker system	
8										
9	MOTOR, Type OX, 440 V, 3 phase 60 cy., frame 505, Form B, Class 3G, 1175 RPM, 91 Amps., Code F, 40° Cont. Ser. #587693, RMA #662.	75 H.P.	Louis Allis				1	1	0-3	
10										
11										



RECORD OF EQUIPMENT IN PLACE										CARD NO. 10
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		NAME OF MANUFACTURER	UNIT VALUE (5)	DATE (6)	VOL. No (7)	QT. (8)	BAL. (9)	INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)		
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)						AUGUST 1982	CONDITION CODE AND REMARKS	
1	MOTOR, Type OX, 440 volts, 3 phase 60 cy., frame 505, Form B, Class 3G, 1175 RPM, 91 Amps., Code F, 40° Cont., Ser. #720672, RMA #660.	75 H.P.	Louis Allis					0-3		
2										
3	MOTOR, Type CGX, 440 volts, 3 phase, 60 cy., frame 107S, Class 5J, Form G, 3550 RPM, 237 Amps., 40°, Code G, Ser. #599876, RMA #670.	200 H.P.	Louis Allis					0-3		
4										
5	MOTOR, Type CGX, 440 volts, 3 phase, 60 cy., frame 107S, Class 5J, Form G, 3550 RPM, 237 Amps., 40°, Code G, Ser. #599877, RMA #626.	200 H.P.	Westinghouse					0-3		
6										
7	MOTOR, Type CGX, 440 volts, 3 phase, 60 cy., squirrel cage, normal torque, low starting current, constant duty, constant speed, horizontal type, frame 1475, class 45, form G, 3550 RPM, 295 Amps., Code G, 40° Cont., Ser. #743561, RMA #679.	250 H.P.	Louis Allis					0-3		
8										
9										
10	MOTOR, Type CGX, 440 volts, 3 phase, 60 cy., squirrel cage, normal torque, low starting current, constant duty, constant speed, horizontal type, frame 1475, class 45, form G, 3550	250 H.P.	Square D.					0-3		
11										

RECORD OF EQUIPMENT IN PLACE										CARD No.	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										11	
ACCOUNT			BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY			BUILDING NO.		DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD			325		Power Plant						
STATION			STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION			NAME OF MANUFACTURER (4)			UNIT VALUE (5)			INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)		
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)				DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	PANELBOARD, Ser. #91V861, RMA #7751.	24" x 96"	Westinghouse					1	1	0-3	
2	PANELBOARD, Ser. #91Y861, RMA #7752.	24" x 96"	Westinghouse							0-3	
3	PANELBOARD, Field Fabricated, RMA #7754.	48" x 96"	Field Fabricated							0-3	
4	PANELBOARD, RMA #7755.	2' x 20"	Westinghouse							0-3	for Ashcroft gauges
5	PANELBOARD, RMA #7759.	36" x 6"	Field Fabricated							0-3	
6	PANELBOARD, approx. Rheostat, single throw switch, RMA #7802.	24" x 72"	Field Fabricated					1	1	0-3	
7	PUMP, 400 GPM, 1385' head, 3550 RPM, S.O. 1410780, w/pressure gauge 0-1000 lb., RMA #4394 #252880	4"	Byron Jackson					1	1	0-3	
8	PUMP, 400 GPM, 1385' head, 3550 RPM, S.O. 1410780 w/pressure gauge 0-1000 lb., RMA #4395.	4"	299189					1	1	0-2	Needs repair, new shaft?
9	PUMP, Type 02L 1750 RPM, against 140' head, 180 GPM, Ser. #31972 RMA #4398. Y439345	4 x 3	Worthington w/motor 1829					1	1	0-3	
10	PUMP, Type 02L 1750 RPM, against 140' head, 180 GPM, Ser. #31973, RMA #4399.	4 x 3	Worthington w/motor					1	1	0-3	
11	PUMP, Boiler Feed Assembly Unit, consisting of 1-4" four stage, class RR, semi-stated, 400 GPM.	1350'	Buffalo					1	1	02	

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ACCOUNT		BUILDING IDENTIFICATION SECTION	
PROPERTY INVENTORY AND CONDITION SURVEY	BUILDING NO.	DESIGNATION AND LOCATION	
SHELL OIL COMPANY LEASEHOLD	325	Power Plant	
STATION		STATION (If other than account)	
US ARMY ROCKY MOUNTAIN ARSENAL			

ITEM AND DESCRIPTION					INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)				
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOL. No (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	against 550 P.S.I., 1350' head, 3350 RPM, rotation, w/250° feed water, complete w/bass, flexible coupling, water cooled bearings, Ser. #150060, RMA #4400.						1	1	
2									
3	PUMP, Centrifugal, Type F-2, Ser, #16038, RMA #4641.	2" dis- charge	Weil Pump				1	1	Taken out General wear & tear.
4	PUMP, Monobloc, w/Motor, Master, 20 H.P., Model 4DE19, Unit Ser. #1085688, Ser. #P-f 246, style	20 H.P.	Worthington				1	1	Replaced w/new hot well pumps. US. Motors + new Worthington
5	108793, Type PA, Frame 364, 220/ 440 volts, 3 phase, 60 cycles, 53/26.5 Amps., 1750 RPM, 40° Cont., RMA #4396.						1	1	0-2
6									
7	PUMP, Monobloc w/Motor, Master, 20 H.P., Model 4DE19, Unit Ser. #1085688, Ser. #P-F 246, style	20 H.P.	Worthington						Replaced w/new hot well pumps. US. Motors + new
8	108793, Type PA, Frame 364, 220/ 440 volts, 3 phase, 60 cycles, 53/26.5 Amps., 1750 RPM, 40° Cont., RMA #4397.								
9									
10	RECORDER, Stabilog Temp. Con- troller, dial type, Ser. #G20345, RMA #7747. Desuper Heater	Range 200° - 400°	Foxboro Changed to Minn. F. Honeywell						
11									

# RECORD OF EQUIPMENT IN PLACE

CARD NO. 12

For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.

ACCOUNT		BUILDING IDENTIFICATION SECTION	
PROPERTY INVENTORY AND CONDITION SURVEY	BUILDING NO. 325	DESIGNATION AND LOCATION	
SHELL OIL COMPANY LEASEHOLD	Power Plant		
STATION (If other than account)			
US ARMY ROCKY MOUNTAIN ARSENAL			

ITEM AND DESCRIPTION				INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)					AUGUST 1982 CONDITION CODE AND REMARKS	
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)		
1	RECORDER, Megawatts, recording and indicating, w/built in synchronous motor, #1174614, Ser. #481941, RMA #7743.	Range 0-35	Leeds & Northrup				1	1	0-2	
2							1	1	Broken Glass needs repair	
3	RECORDER, Type C36, for steam at 390 lb. 700° F., chart #225F700E 300P, chart reading x 1000=pph, integrating steam flow Ser. #86019 RMA #7756		Bailey Meter Co.				1	1	Turbine Throttling	
4										
5	RECORDER, Flow and Temp., Integrating and Recording, steam flow air flow, Type D36, Ser. #90003, RMA #4143.		Bailey Meter Co.				1	1		
6										
7	RECORDER, Flow and Temp., Integrating and Recording, steam flow air flow, Type D36, Ser. #90004, RMA #4157.		Bailey Meter Co.				1	1		
8										
9	RECORDER, Type S35, Chart #80F600 P225E, for steam at 175 lb., 20° F., superheat, chart reading x 1500=pph using transmitter #84943T1, only, chart reading x 1000=pph, using transmitter #84943T2, only, recording and integrating, Ser. #84943R1, RMA #3511.		Bailey Meter Co.				1	1	0-2	
10										
11										

<b>RECORD OF EQUIPMENT IN PLACE</b> <small>For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.</small>			<b>CARD NO.</b> 12A
<b>ACCOUNT</b> PROPERTY INVENTORY AND CONDITION SURVEY SHELL OIL COMPANY LEASEHOLD STATION US ARMY ROCKY MOUNTAIN ARSENAL	<b>BUILDING NO.</b> 325 <b>STATION (If other than account)</b>	<b>DESIGNATION AND LOCATION</b> Power Plant	

ITEM AND DESCRIPTION					INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)				
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No (7)	QT. (8)	BAL (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	RECORDER, Flow Water, Integrating and Recording, w/supply pressure gauge 0 lb. - 35 lb. type C 36, Ser. #406268, RMA Mod #221201		Browne Honeywell, Minn.				1	1	
2									
3	RECORDER, Flow Water Feed Pressure, Integrating and Recording, w/supply pressure gauge, 0 lb. - 60 lb. and loading pressure gauge, 0 lb. to 35 lb., type C36, Ser. #89665, RMA #4142.		Bailey Meter Co.				1	1	
4									
5	RECORDER, Instrument, Megawatts, Type GY-40, Style STS 1297-1, P-PH-W5, 120 volts, C.T. 1000 to 5, P.T. 14400 to 120, Ser. #1670358, RMA #4025.	120 V.	Westinghouse				1	1	
6									
7	RECORDER, Pressure and Temp., w/supply pressure gauge 0 lb.-60 lb. and loading pressure gauge 0 lb.-35 lb., master steam pressure controller, Type K35, Ser. #87689, RMA #4152.		Bailey Meter Co.				1	1	
8									
9	RECORDER, Temperature, Fluegas & Preheater, Type K35, RMA #4150. 88107		Bailey Meter Co.				1	1	
10	RECORDER, Temperature, Fluegas & Preheater, Type K35, RMA #4154. 88108		Bailey Meter Co.				1	1	
11	RECORDER, Temp., Chart #5145, Ser. #727673	Range 10-300°	Honeywell Brown Potentiometer				1	1	Replaced with

RECORD OF EQUIPMENT IN PLACE										CARD NO. 13	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.											
ACCOUNT		BUILDING NO.		DESIGNATION AND LOCATION		BUILDING IDENTIFICATION SECTION					
PROPERTY INVENTORY AND CONDITION SURVEY		325		Power Plant							
STATION		STATION (If other than account)									
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION						INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)					
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS		
1	RECORDER, Temp., Chart #14002, Ser. #790386, RMA #	Range 0-300°	Cont. Brown				1	1			
2	RECORDER, Water Level, w/supply pressure gauge 0 lb.-60 lb., and loading pressure gauge 0 lb.-		Bailey Meter Co.				1	1			
3	35 lb., Type LU 35, Ser. #99032, RMA #4149.										
4	RECORDER, Water Level, w/supply pressure gauge 0 lb.-60 lb., and loading pressure gauge 0 lb.-		Bailey Meter Co.				1	1			
5	35 lb., Type LU 35, Ser. #90033, RMA #4153.										
6	RECTIFIER, Rexter, .25 Amps., Style 708947-D, w/resistance box 1696738 10C rear panelboard, RMA-1208	AC-115V DC-12-24V 50 cy.	Westinghouse				1	1	0-2		
7											
8	REDUCER, Speed, Ser. #SMSA2690, RMA #5536.	271 RPM 5 H.P.	Pacific Gear & Tool Co.				1	1			
9	REDUCER, Speed, Chain No. 1-25, Ratio 4 to 1, constant speed shaft 690 RPM, variable speed shaft .9H.P @256 RPM, .68 H.P. @64 RPM, Order No. L-21684-A, RMA #8922.	(PIV) VMG 1/2	Link Belt				1	1			
10									On coal handling equip.		
11											

RECORD OF EQUIPMENT IN PLACE										CARD No. 13A	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.											
ACCOUNT			BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY			BUILDING NO.		DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD			325		Power Plant						
STATION			STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)			AUGUST 1982 CONDITION					
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	CODE AND REMARKS		
1	REDUCER, Chain #1-25, Ratio 4 to 1, constant speed shaft 690 RPM, variable speed shaft .9 H.P. @ 256 RPM, .68 H.P. @ 64 RPM, Order No. L-21684-D, RMA #8925.	(PIV) VMG 1/2	Link Belt				1	1			
2	REGULATOR, Voltage, Type SRA-5 silverstat, Style 92Y277, 125 exciter volts, 43-0 ohms, 12 Amps., diagram 2D1197, RMA #4192.	100-125V 25-125 Cy.	Westinghouse				1	1	0-2		
3	RELAY, Type CA, style 1160951, percentage differential for generator protection, Ser. #114262-RR, RMA #4185.		Westinghouse				1	1	0-2		
4	RELAY, Type CA, style 1160951, percentage differential for generator protection, Ser. #114262-RR, RMA #4186.		Westinghouse				1	1	0-2		
5	RELAY, Type CA, style 1160951, percentage differential for generator protection, Ser. #114262-RR, RMA #4187.		Westinghouse				1	1	0-2		
6	RELAY, Type CA, style 1160951, percentage differential for generator protection, Ser. #114262-RR, RMA #4188.		Westinghouse				1	1	0-2		
7	RELAY, Type CW, power, style 1101506, 10 to 60 watts, Ser. #114290-A, RMA #4189.	5 amps 60 cy. 70 v.	Westinghouse				1	1	0-2		
8	RELAY, Type CW, power, style 1101506, 10 to 60 watts, Ser. #114290-A, RMA #4190.	5 amps 60 cy. 70 v.	Westinghouse				1	1	0-2		
9	RELAY, Type CW, power, style 1101506, 10 to 60 watts, Ser. #114290-A, RMA #4191.	5 amps 60 cy. 70 v.	Westinghouse				1	1	0-2		
10	RELAY, Type CW, power, style 1101506, 10 to 60 watts, Ser. #114290-A, RMA #4192.	5 amps 60 cy. 70 v.	Westinghouse				1	1	0-2		
11	RELAY, Type CW, power, style 1101506, 10 to 60 watts, Ser. #114290-A, RMA #4193.	5 amps 60 cy. 70 v.	Westinghouse				1	1	0-2		

RECORD OF EQUIPMENT IN PLACE										CARD NO.
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										14
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325	Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION		NAME OF MANUFACTURER			UNIT VALUE	DATE	VOU. No.	QT.	BAL.	AUGUST 1982 CONDITION CODE AND REMARKS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	RELAY, Type MC, auxiliary, style 1101605, Ser. #114210-AA, RMA #4189	125 V DC	Westinghouse				1	1	0-2	
2	RELAY, Type CW, Power, style 1101512, watts 50-300, Ser. #114291-A, RMA #4190	5 amps 60 cy. 70 V.	Westinghouse				1	1	0-2	
3	RELAY, Over-current, Type CO, Style 1099736, Ser. #7424029, RMA #4199	4-15 amps 60 cy.	Westinghouse				1	1	0-2	
4	RELAY, Over-current, Type CO, Style 1099736, Ser. #7423468, RMA #4200	4-15 amps 60 cy.	Westinghouse				1	1	0-2	
5	RELAY, Over-current, Type CO, Style 1099736, Ser. #7423461, RMA #4201	4-15 amps 60 cy.	Westinghouse				1	1	0-2	
6	RELAY, Over-current, Type CO, Style 1099736, Ser. #7423473, RMA #4202	4-15 amps 60 cy.	Westinghouse				1	1	0-2	
7	RELAY, Over-current, Type CO, Style 1099736, Ser. #7423471, RMA #4203	4-15 amps 60 cy.	Westinghouse				1	1	0-2	
8	RELAY, Over-current, Type CO, Style 1099736, Ser. #7423474, RMA #4204	4-15 amps 60 cy.	Westinghouse				1	1	0-2	
9	RELAY, Undervoltage, Model 121AV14A1, Type 1AV, 1-0 ohm., part bulletin CEF2149, Ser. #DY, RMA #4206	115V 60 Cy	GE				1	1	Probably removed	
10										
11	RELAY, Auxiliary, style 423393C Type MC, Ser. #34361-Y, RMA #4207	125V DC	GE				1	1	Probably removed	



RECORD OF EQUIPMENT IN PLACE										CARD NO. 14A	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.											
ACCOUNT		BUILDING IDENTIFICATION SECTION									
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO. 325		DESIGNATION AND LOCATION Power Plant							
SHELL OIL COMPANY LEASEHOLD		STATION (If other than account)									
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION		NAME OF MANUFACTURER				INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)					
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CODE AND REMARKS			
1	RESISTOR, Style 304790, Ser. #114290A, RMA #4210		Westinghouse			1	1	0-2			
2	RESISTOR, Style 304790, Ser. #114291A, RMA #4211		Westinghouse			1	1	0-2			
3	RESISTOR, Style 305790, Ser. #114290A, RMA #4212		Westinghouse			1	1	0-2			
4	RESISTOR, Style 305790, Ser. #114291A, RMA #4213		Westinghouse			1	1	0-2			
5	RHEOSTAT, Field, Style or S.O. No. 16P313, w/Westinghouse Motor, 1/2 H.P., 110/125 Volts, 68 Amps. 1725 RPM, Frame B1052, 50° C.	125V 500/130A 750 HMS	Westinghouse			1	1	0-2	Motor operated		
6	Rise, open, Style 901120A, Rheostat Ser. #P.L., RMA 3281										
7	RHEOSTAT, Type WL, Style 874489, 50-0 ohms., RMA #4193.	8.8-2 Amps 125 V.	Westinghouse			1	1	0-2			
8	STOKER, (Rotograte) Job No. 132- RG-206, Stoker No. 1058, w/hopper direct from coal bunker, RMA 8923	6 unit	Detroit Stoker Co.			1	1	Removed			
9	SYNCHROMETER, Type SCL, for steam flow 0-120,000 lb. range, Ser. #84943, RMA #3282.		Bailey Meter			1	1				
10	SYNCHROSCOPE, Type HA, Style 931829, Ser. #1650621, RMA #4165.	60 cy. 115 V	Westinghouse			1	1	0-2			
11	TACHOMETER, Vibration, Frahm System, Model 29093, RMA #7761.	3000 to 4300 RPM	James G. Biddle Co.			1	1	0-2			

# RECORD OF EQUIPMENT IN PLACE

For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.

CARD NO.

15

## ACCOUNT

PROPERTY INVENTORY AND CONDITION SURVEY  
SHELL OIL COMPANY LEASEHOLD

## STATION

US ARMY ROCKY MOUNTAIN ARSENAL

## BUILDING NO.

325

## DESIGNATION AND LOCATION

Power Plant

STATION (If other than account)

## INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)

## ITEM AND DESCRIPTION

NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU No (7)	QT. (8)	BAL (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	TANK, Acid Storage, steel, vertical, RMA #6469.	36" dia. x 36" approx.	Hardesty Mfg. Co.				1	1	
2	TANK, Air Receiving, size 20" dia. x 5' long, steel, horizontal w/ pressure gauge and metal base, RMA #6456	20" dia. x 5' long					1	1	
3									
4	TANK, Air Receiving, steel, horizontal w/pressure gauge and metal base, RMA #6457.	20" dia. x 5' long					1	1	
5	TANK, Blowoff, steel, vertical, dished heads, supported w/3 steel legs approx. 2' high, RMA #6458	6' dia. x 8' high	Chattanooga Boiler				1	1	
6	TANK, Brine Measuring, steel, open top, vertical RMA #6460.	4' dia. x 4'	Graver				1	1	Been replaced
7	TANK, Brine Mix, steel vertical, open top, w/float valve, RMA #6459	6' dia. x 4'	Graver				1	1	
8	TANK, Condensate, approx. horizontal, steel, insulated, RMA #6463	30" x 5' approx.	Columbian Steel Tank Co.				1	1	
9	TANK, Softener, steel, vertical, dished heads, welded, supported by adjustable jacks, w/3 way valve, 2 dial type pressure gauges, 0-150, RMA #6461.	8' dia. x 8'	Graver				1	1	
10									
11									

RECORD OF EQUIPMENT IN PLACE										CARD NO. 15A	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.											
ACCOUNT			BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY			BUILDING NO. 325		DESIGNATION AND LOCATION Power Plant						
SHELL OIL COMPANY LEASEHOLD			STATION (If other than account)								
STATION US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION			NAME OF MANUFACTURER (4)		UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	INSTALLATIONS AND REMOVALS (Enter quantity to indicate removed)	
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)								AUGUST 1982 CONDITION CODE AND REMARKS	
1	TANK, Softener, steel, vertical, dish heads, welded, supported by adjustable jacks, w/3 way valve, 2 dial type pressure gauges, 0-150, RMA #6462.	8' dia. x 8'	Graver					1	1		
2											
3	TANK, Steel, horizontal, insulated, flat heads, w/float valve, RMA #6466.	8' dia. x 32' long						1	1		
4	TANK, #8414, heavy gauge steel four inspection doors at each end, flat heads reinforced, mounted on heavy spring base, steel condensate hot well, RMA #9979. E-1551	8' dia. 16' long	Allis Chalmers					1	1		Condensate make-up tank
5											
6	TANK, Acid Measuring, steel vertical, w/sight glass gauge, RMA #6467.	32" x 12" dia.						1	1		No longer used, changed water treatment
7	TRANSFORMER, Type AD, Single phase, additive polarity, 55° Cont., Ser. #1811600, RMA #2636	25 KVA 60 cy.	Allis Chalmers					1	1		
8	TRANSFORMER, Type SL oil, Impedance 5.1, high voltage 13800, low voltage 230/460, Taps: #1	333 KVA	Westinghouse					1	1		0-2
9	13800 V., #2-97.5%, #3-95.0%, #4-92.5%, #5-90.0%, size 333 KVA, Ser. #8171539--#10 Transformer.										
10	TRANSFORMER, Type SL oil, Impedance 5.1, high voltage 13800, low voltage 230/460, Taps: #1-13800 V., #2-97.5%, #3-95.0%, #4-92.5%, #5-90.0%, size 333KVA, #11-Ser. #3171540.	333KVA	Westinghouse					1	1		0-2
11											

RECORD OF EQUIPMENT IN PLACE										CARD NO. 16
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										
ACCOUNT		BUILDING IDENTIFICATION SECTION								
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO. 325	DESIGNATION AND LOCATION Power Plant							
STATION		STATION (If other than account)								
US ARMY ROCKY MOUNTAIN ARSENAL										
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)							
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS	
1	TRANSFORMER, Type SL oil, Impedance 5.1, high voltage 13800, low voltage 230/460, Taps: #1-13800 V., #2-97.5%, #3-95.0%, #4-92.5%, #5-90.0%, size 333KVA, #12-Ser. #3171541.	333 KVA	Westinghouse				1	1	0-2	
2	TRANSFORMER, Type FB, voltage 2500, primary current 1500 A. Secondary 5A, style 519816B, 50 volt amperes, Meter E-9, phase one, ratio 1500 to 5, compensated for 2.5 volt amperes at 90% PF - 60 cycles Ser. #3243799, Transformer #CT-14.	50 KVA	Westinghouse				1	1		
3	TRANSFORMER, Type FB, voltage 2500, primary current 1500 A. Secondary 5A, style 519816B, 50 volt amperes, Meter E-9, phase one, ratio 1500 to 5, compensated for 2.5 volt amperes at 90% PF - 60 cycles Ser. #3243696, Transformer #CT-13.	50 KVA	Westinghouse				1	1		
4	TRANSFORMER, Type R22, Primary current 500 A., Secondary 5 A., single ratio, oil insulated #CT-27.		Westinghouse				1	1		
5	TRANSFORMER, Type R22, Primary current 500 A., secondary 5 A., single ratio, oil insulated, #CT-28		Westinghouse				1	1		
6	TRANSFORMER, Type R22, Primary current 500 A., secondary 5 A., single ratio, oil insulated, #CT-29		Westinghouse				1	1		

RECORD OF EQUIPMENT IN PLACE										CARD NO. 16A	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.											
ACCOUNT		BUILDING IDENTIFICATION SECTION									
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO. 325		DESIGNATION AND LOCATION Power Plant							
SHELL OIL COMPANY LEASEHOLD		STATION (If other than account)									
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION		NAME OF MANUFACTURER		UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)		
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)							AUGUST 1982	CONDITION	
1	TRANSFORMER, Regulator, damping, style 1105163A, w/4 rectox, style 1106396 rectifiers, RMA #4205.		Westinghouse				1	1			
2	TURBINE, Pressure 400 lb., temp. 700° F., 3600 RPM. Ser. #2-A-8052-1 RMA #9275.		Westinghouse				1	1			
3	VALVE, Type 57, trim 302, valve travel 5/8", diaphragm pressure range 2-25 lb. Ser. #1008069, RMA #7743	3"	Fisher Governor Co.				1	1		0-2	
4											
5	VALVE, Stabilflow, w/Vernier valvactor, RMA #10327		Foxboro				1	1		0-2	
6	VALVE, Type 435SRT, valve, travel 2", diaphragm pressure 2-15 lbs., w/2 pressure gauges 0-30 lbs., Ser. #1068068A, RMA #12329	8"	Fisher Governor Co.				1	1		0-2	Boiler Feedwater
7											
8	VALVE, Type 435SRT, Valve, travel 2", diaphragm pressure 2-15 lbs. w/2 pressure gauges 0-30 lbs., Ser. #1068067A, RMA #12328.	8"	Fisher Governor Co.				1	1		0-2	
9											
10	VALVE, Type 4357 trim 303, valve travel 5/8" diaphragm pressure range 0-15 lb. w/2 pressure gauges 0-30 lbs. Ser. No. 1139036A RMA 3510	1"	Fisher Governor Co.				1	1		0-2	
11											

RECORD OF EQUIPMENT IN PLACE										CARD NO.	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										17	
ACCOUNT		BUILDING IDENTIFICATION SECTION									
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.		DESIGNATION AND LOCATION							
SHELL OIL COMPANY LEASEHOLD		325		CONVERSION OF BOILERS							
STATION		STATION (If other than account)									
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)				AUGUST 1982 CONDITION CODE AND REMARKS					
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU, No (7)	QT. (8)	BAL (9)			
1	VALVE, Feed Water, style XFDS-18 Ser. #H10253, RMA #7740	4"	Bailey Meter Co.				1	1	0-2		
2	VALVE, Feed Water, style KFDS-18 Ser. #H10252, RMA #7741.	4"	Bailey Meter Co.				1	1	0-2		
3	WATER TREATMENT UNIT, consists of two tanks, w/two 1/2" pipe con- nections w/funnel & valve, on four legs, other tank size 9" x 15", open top w/strainer, on four legs, RMA #5529.	10" x 20"					1	1	0-2	General wear & tear Related with new system	
4											
5	METER, TREET-o-Meter, integrating to 6 digits by 1 Gal., w/Chemical Proportioning Unit, Mfg. by Propor- tioneers, Ser. #RCE 99732X125X3-1 w/diaphragm press reducer, 2 valve type pressure valves, 0-150 lbs., and drip well, RMA #7667.	4"	Hersey Mfg. Co.				1	1			
6											
7											
8	CONTROL, Stoker, Speed, Type A748, Ser. #90232, RMA #7730.		Bailey Meter				1	1		Assoc. w/coal handling system	
9	PUMP, Sump, centrifugal, 1-1/2" discharge, Ser. #40265, RMA #4697	Size 382	Taber				1	1			
10	HEATER, Unit, Model 53165, Serial No. 20007, w/motor, G.E., Model #5K45AG14L7, 260 to 1140 RPM, Type K.	1/8 HP	McCord DOP #66324.				1	1	0-2	Replaced w/steam pump	
11										Replaced w/Tran pump	

RECORD OF EQUIPMENT IN PLACE										CARD NO.	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.										17A	
ACCOUNT		BUILDING IDENTIFICATION SECTION									
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION								
SHELL OIL COMPANY LEASEHOLD		T-325									
STATION		STATION (If other than account)		INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)							
US ARMY ROCKY MOUNTAIN ARSENAL		WATER SUPPLY INSTRUMENT CONTROL PANEL (INSTALLED BY SHELL OIL)		DATE (6)	VOU. NO. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS			
ITEM AND DESCRIPTION				UNIT VALUE (5)	NAME OF MANUFACTURER (4)	SIZE (3)	ARTICLE, TYPE, AND MODEL (2)				
1	VALVES, Gas Control, type 6", Style XFAL-8, Serials #H22668, and H22657.					Bailey Meter	6"		2	2	0-2
2	VALVES, Gas trip, type 6", Style XFAL-8, Serials #H22669, and #H22670.					Bailey Meter	6"		2	2	0-2
3	VALVES, motorized, ASCO valve, Type D37TS0, for air, max. pressure 40, Ser. #RG-362 and #RG363.					Automatic Switch Co.	125 V DC.		2	2	0-2
4											
5	PANELBOARD, for Boiler No. 2, with one pressure gauge, one master boiler control Ser. 155392, one gas fuel control Ser. 154585, one F.D. air control to gas burners Ser. 154887, one alarm high-low burner pressure Ser. 136302, one gas interlock trip alarm Ser. 136299, and 2 purge interlocks.						36" face 18" deep 8' high		1	1	0-2
6											
7											
8	PANELBOARD, for Boiler No. 1, with one pressure gauge, one gas fuel control, one FD air control to gas burners, one alarm high-low burner pressure, one gas interlock trip alarm and 2 purge interlocks.						36" face 18" deep 8' high		1	1	0-2
9											
10	BURNERS, Gas.					Babcock & Wilcox			12	12	0-2
11											

# RECORD OF EQUIPMENT IN PLACE

For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.

CARD NO.  
18

## BUILDING IDENTIFICATION SECTION

ACCOUNT	DESIGNATION AND LOCATION	
PROPERTY INVENTORY AND CONDITION SURVEY	BUILDING No.	T-32.5
SHELL OIL COMPANY LEASEHOLD	STATION (If other than account)	
STATION		
US ARMY ROCKY MOUNTAIN ARSENAL		

ITEM AND DESCRIPTION				INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)					AUGUST 1982 CONDITION CODE AND REMARKS	
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOL. No. (7)	QT. (8)	BAL. (9)		
1	METERS, Boilers No. 1 & 2 Bailey Recorder						2	2	0-2	
2	For transfer of non-expendable supplies listed above.									
3	KINNEY Switchboard Style Control panel enclosure	6 ft. x 8 ft Hi	Kinney						0-2	
4	RECORDER circular chart (intake level)	10' 0 Dia.	BIF, Builders Providence, Inc.						0-2	
5	RECORDER, circular chart (cool'g tower basin level U.G. STG).	10' 0 Dia.	BIF, Builders Providence, Inc.						0-2	
6	RECORDER, circular chart (out- let temperature (Bldg. 548)	10' 0 Dia.	BIF, Builders Providence, Inc.						0-2	
7	RECORDER, circular chart (inlet temperature)	10' 0 Dia.	Acco Bristol						0-2	
8	RECORDER, circular chart (elev. stg. tank level)	10' 0 Dia.	BIF, Builders Providence, Inc.						0-2	
9	RECORDER, circular chart (main discharge flowmeter)	10' 0 Dia.	BIF, Builders Providence, Inc.						0-2	
10	RECORDER, circular chart (city water press, Bldg. 371)	10' 0 Dia.	Bristol						0-2	
11	RECORDER, circular chart (lake H2O press.)	10' 0 Dia.	Bristol						0-2	



# RECORD OF EQUIPMENT IN PLACE

For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.

CARD No.

18A

## BUILDING IDENTIFICATION SECTION

ACCOUNT

PROPERTY INVENTORY AND CONDITION SURVEY

SHELL OIL COMPANY LEASEHOLD

STATION

US ARMY ARSENAL

BUILDING No.

325

DESIGNATION AND LOCATION

STATION (If other than account)

## ITEM AND DESCRIPTION

## INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)

No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOL. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION	
									CODE	REMARKS
1	MISC. start/stop push buttons pilot LTS selector SWS (approx. 85)		Westinghouse						0-2	
2	GAUGE, pressure	0-60	Weksler Royal						0-2	
3	PANELBOARD, 120/240 V 10, 150A (replaced original equip)		I.T.E.						0-2	
4	CHEMICAL feed pumps duplex 1/2 HP T-1414 Serial #968H	30 to ratio	1 Perfection- American					2	0-2	
5	CHEMICAL mixing tank for H <sub>2</sub> O treatment w/adjatat, coal, sulfate, nitrate & SL500	50 Gal	Calgon					3	0-2	
6	CHEMICAL feed pumps 1/3 HP T-1412		G.E.					2	0-2	
7	SWITCH water level RMA 2635								0-2	
8	CRANE & Hoist	25 Tons	Manning, Maxwell & Moore						0-2	
9	TRANSFORMER, emerg. lighting	480 V 25KVA 10	Allis Chalmers						0-2	
10	AUTOMATIC Transfer switch	200 A 120 V 240 V	Square D						0-2	
11	MOTOR-Gen. set exciter DC, 36 KW, 125 V, 304 A, 3600 RPM	K392							0-2	

RECORD OF EQUIPMENT IN PLACE					CARD NO.				
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.					19				
ACCOUNT		BUILDING IDENTIFICATION SECTION							
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO.	DESIGNATION AND LOCATION						
SHELL OIL COMPANY LEASEHOLD		325							
STATION		STATION (If other than account)							
US ARMY ROCKY MOUNTAIN ARSENAL									
ITEM AND DESCRIPTION			INSTALLATIONS AND REMOVALS (Encircle quantity to indicate removal)						
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. NO. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	Bought by Shell to replace item 15 on sheet 6A								
2	RELAY, automatic reclosing type RC, Ser. No. 55 171-E5		Westinghouse						0-2
3	METER, demand, style bks Ser. No. 24241993/4055		Westinghouse						
4	METER, demand, style 838472 Ser. No. 17703328		Westinghouse						
5	RELAY, under-frequency digital type PFR-59		Hathaway						
6	WATER heater	120 gal.							
7	PUMP S/N 75141542		Sumflo Pump						
8	MOTOR 50 H.P. IMA 467123-G-RA		Reliance						
9	TANK, Condensate make-up	14' x 8'							
10	METER, voltmeter, main exit Model 921; No. 13741	0-150 volts	Weston						0-2
11	METER, Ammeter, main exit (exterior shunt) Model No. 11404	0-400 Amp. 3300-	Weston Frahm						0-2

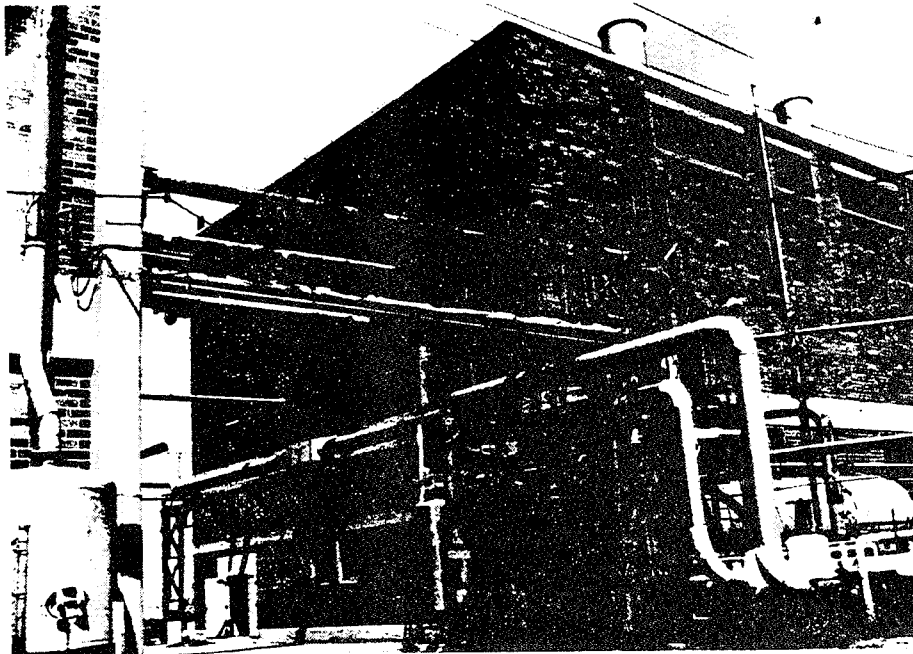
RECORD OF EQUIPMENT IN PLACE										CARD NO. 19A	
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.											
BUILDING IDENTIFICATION SECTION											
ACCOUNT		BUILDING NO.		DESIGNATION AND LOCATION							
PROPERTY INVENTORY AND CONDITION SURVEY		325		Power Plant							
STATION		STATION (If other than account)									
US ARMY ROCKY MOUNTAIN ARSENAL											
ITEM AND DESCRIPTION						INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)					
NO (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No. (7)	QT. (8)	BAL. (9)	AUGUST 1982 CODE AND REMARKS		
1	TACHOMETER S/N 277389	3900 RPM	J. G. Briddle						0-2		
2	GAUGE, Pressure Royal- (Turbine Outlet)	0-60 PSI							0-2		
3	RECORDER, Stripchart Model # 153X64P8-X-41 S/N # 563665	0-800° F	Honeywell Brown--Inst.						0-2		
4	GAUGE, Pressure	0-30" H <sub>2</sub> O	Meriam								
5	GAUGE, Pressure	0-300	Ashcroft								
6	TEMP & Pressure Ind.	0-120° F & 0-30" H <sub>2</sub> O	Mine & Smelter								
7	PH Recorder 10" Circular	0-12	Foxboro								
8	RECORDER, Steam flow pressure, Temp.	F-0-1000 D-700 P-0-225	Bailey								
9	GAUGE, Pressure	D-60 PSIG	Ashcroft								
10	PUMP; Booster, Lime shell #10-049 (Model # 5K215CG208A)	5 HP					1	1	0-2		
11	PUMP; Booster Lime shell #P1-722 (Model # 5K215CG208A)	5 HP					1	1	0-2		

RECORD OF EQUIPMENT IN PLACE					CARD No.				
For use of this form, see AR 735-26; the proponent agency is the Office of the Comptroller of the Army.					20				
ACCOUNT		BUILDING IDENTIFICATION SECTION							
PROPERTY INVENTORY AND CONDITION SURVEY		BUILDING NO. 325							
SHELL OIL COMPANY LEASEHOLD		DESIGNATION AND LOCATION							
STATION		Power Plant							
US ARMY ROCKY MOUNTAIN ARSENAL		STATION (If other than account)							
ITEM AND DESCRIPTION		INSTALLATIONS AND REMOVALS (Enter quantity to indicate removal)							
No (1)	ARTICLE, TYPE, AND MODEL (2)	SIZE (3)	NAME OF MANUFACTURER (4)	UNIT VALUE (5)	DATE (6)	VOU. No (7)	QT. (8)	BAL (9)	AUGUST 1982 CONDITION CODE AND REMARKS
1	EXCHANGER E 1550 Coil Heater shell								0-
2	COOLER, Oil E 1553 shell								0-
3	RECORD; chart, Ser. # 15803		Bailey						
4	RECORDER, S/N #406268 Model #221201		Brown Minn.-Honey						0-2
5	PUMP, Boiler feed pump steam (back-up)		Gardner Denver						
6	PUMP (Desuperheat)		Gardner Denver						
7	INDICATORS (7-pts) TYPE P7F S/N #47590		Bailey						
8									
9									
10									
11									

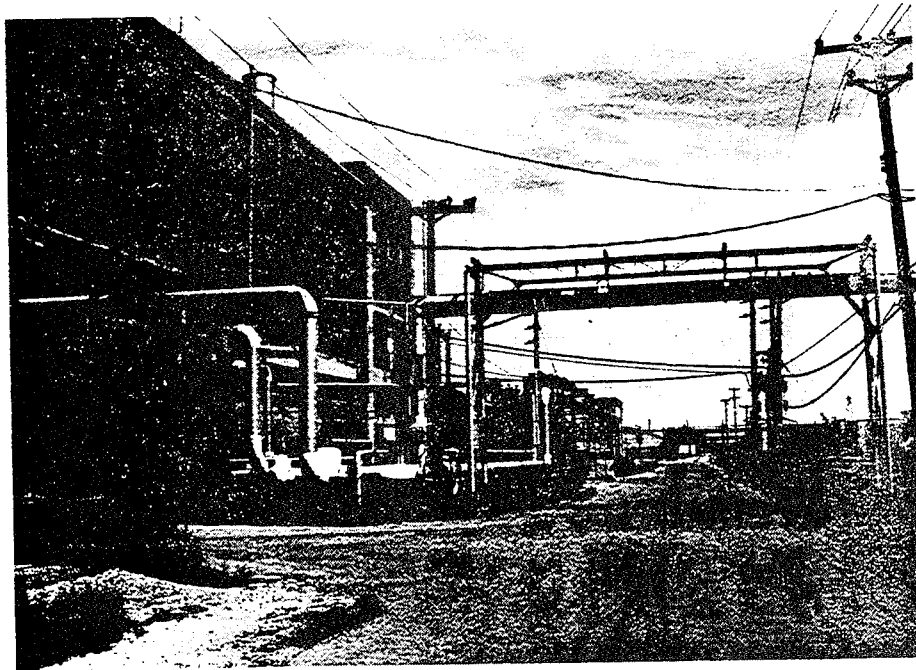
5.00 PHOTOGRAPHS



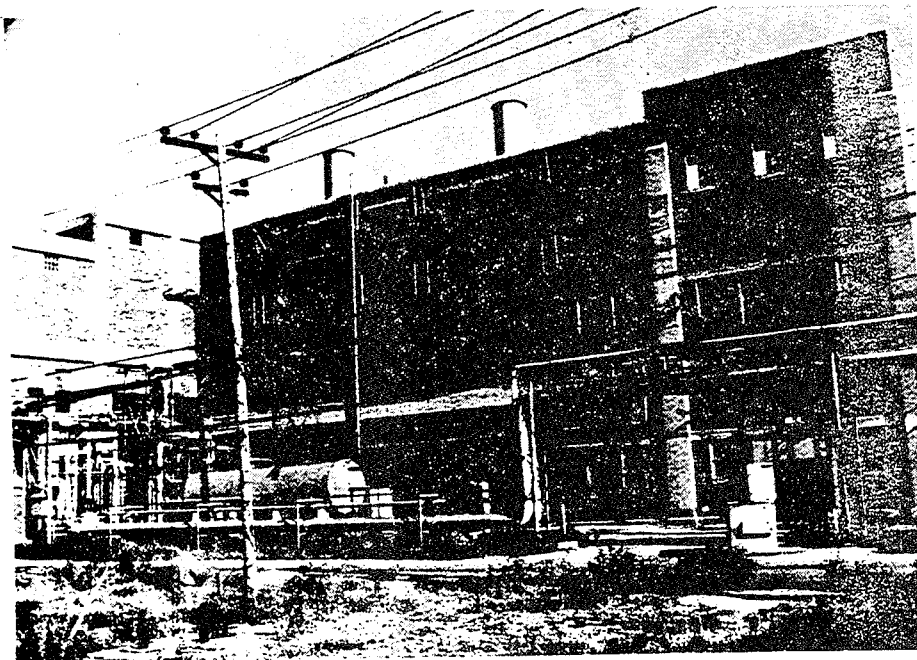
BUILDING NO. 325: General View  
(West Side)  
Date of Photograph: 1 September 1982



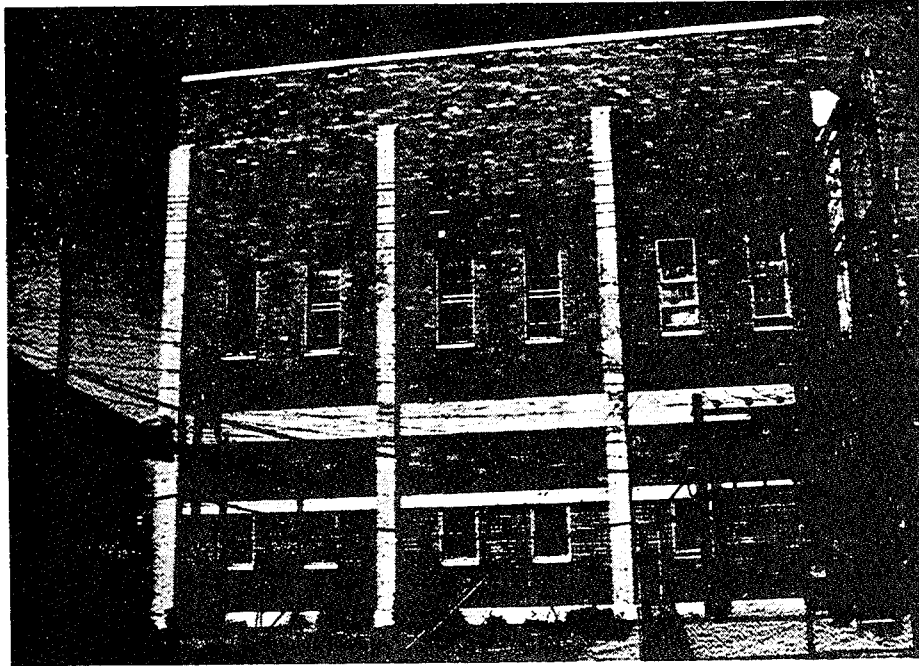
BUILDING NO. 325: General View  
(West Side)  
Date of Photograph: 1 September 1982



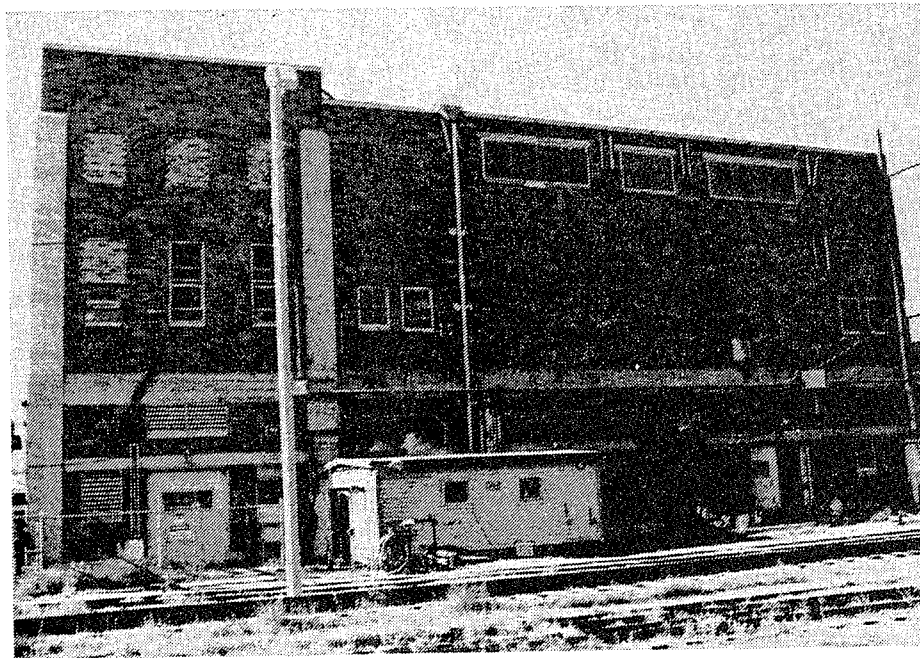
BUILDING NO. 325: Pipe Trestle (Southeast  
of Building No. 325)  
Date of Photograph: 1 September 1982



BUILDING NO. 325: General View  
(South Elevation)  
Date of Photograph: 1 September 1982

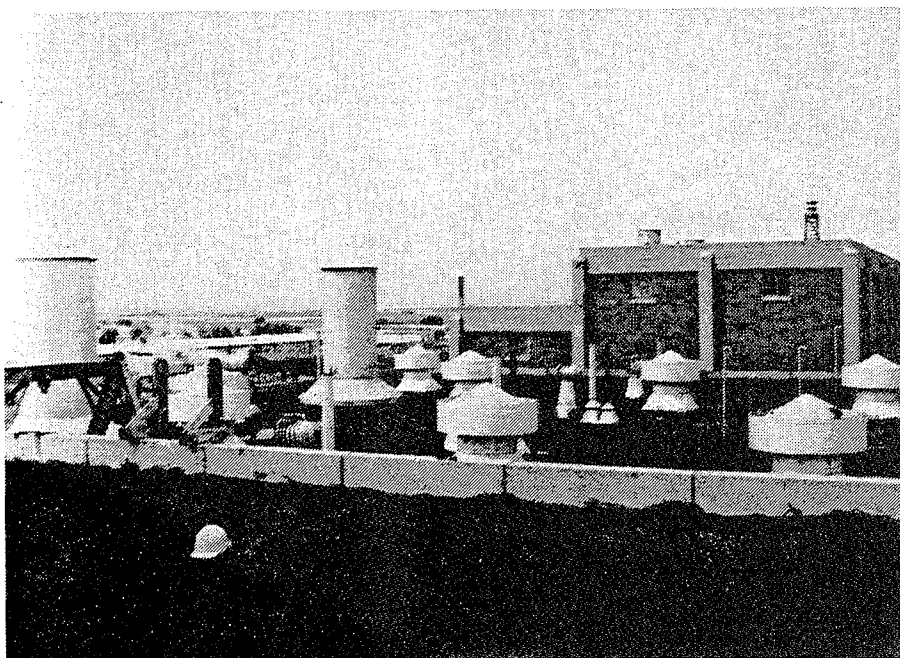


BUILDING NO. 325: General View  
(East Elevation)  
Date of Photograph: 1 September 1982

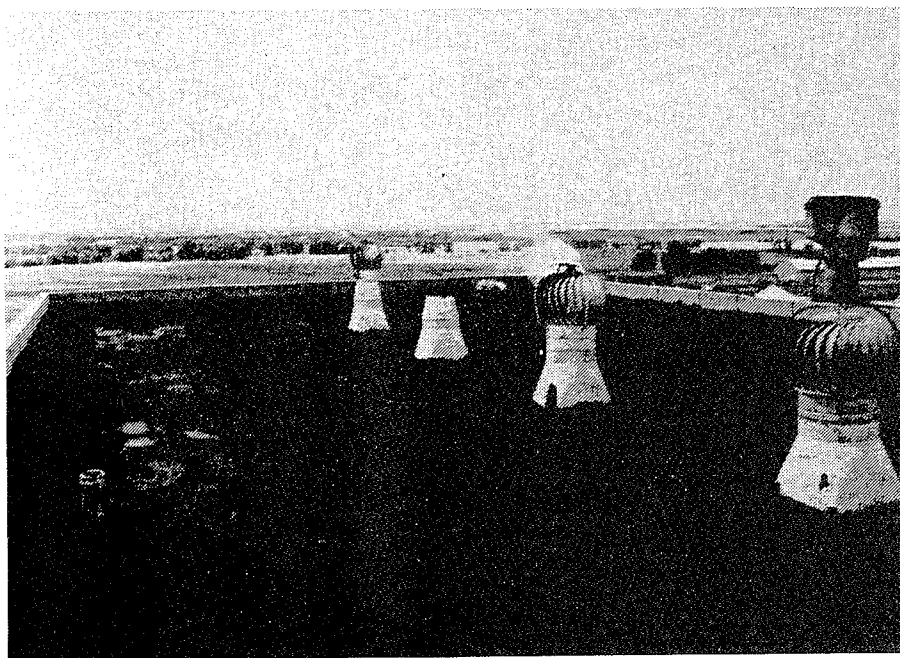


BUILDING NO. 325: General View  
(North Elevation)  
Date of Photograph: 1 September 1982

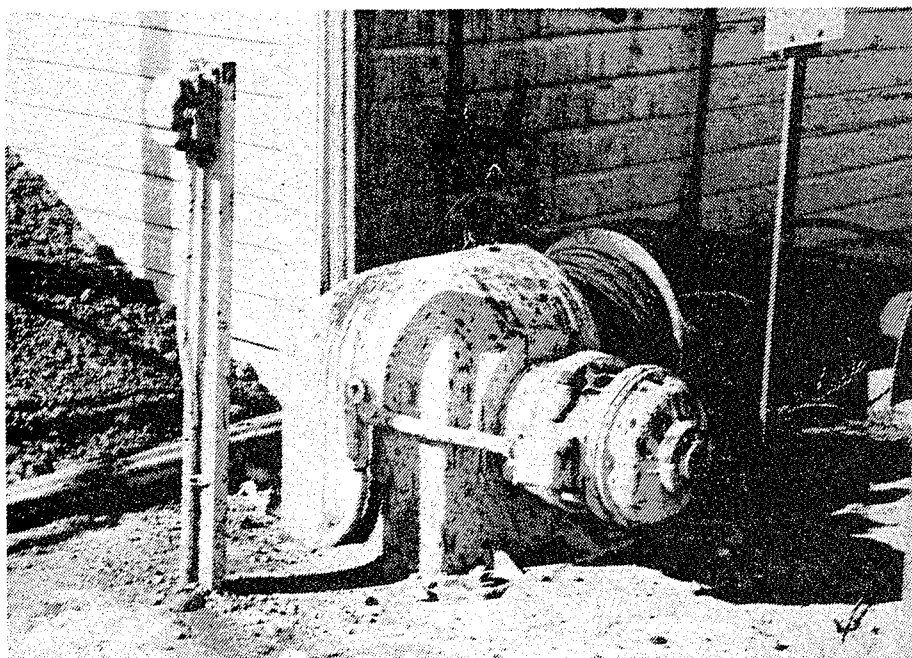




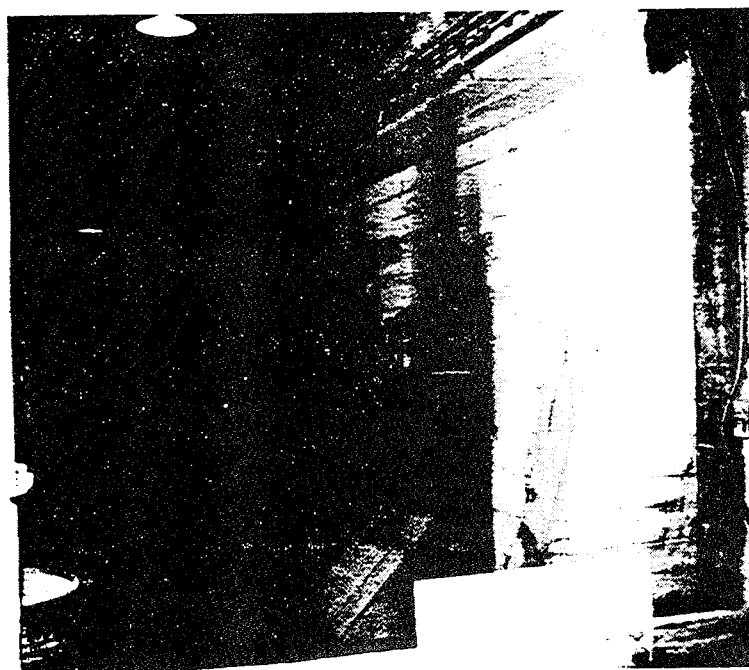
BUILDING NO. 325: General View  
Roof (Looking West)  
Date of Photograph: 14 September 1982



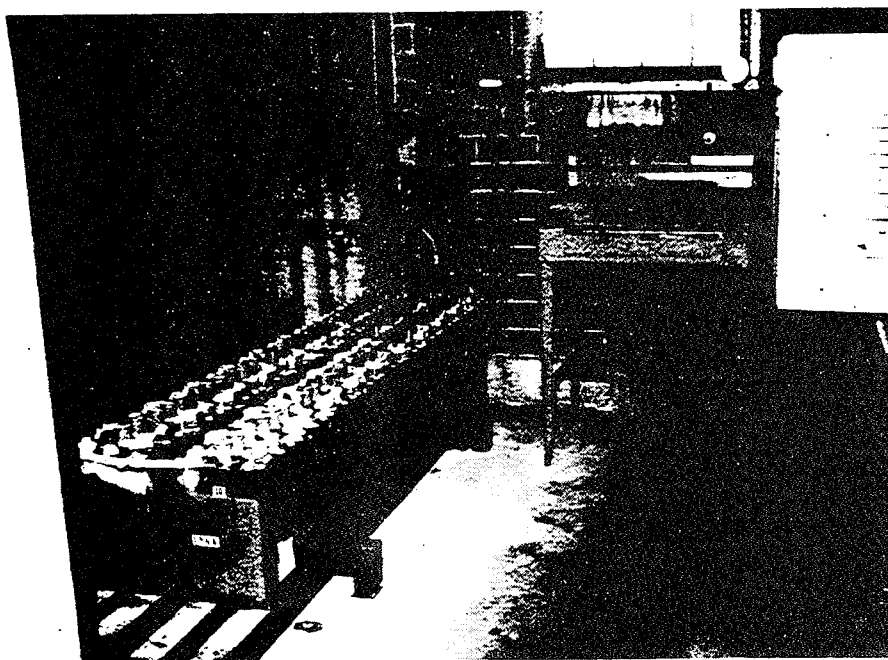
BUILDING NO. 325: General View of  
Roof (Looking South)  
Date of Photograph: 14 September 1982



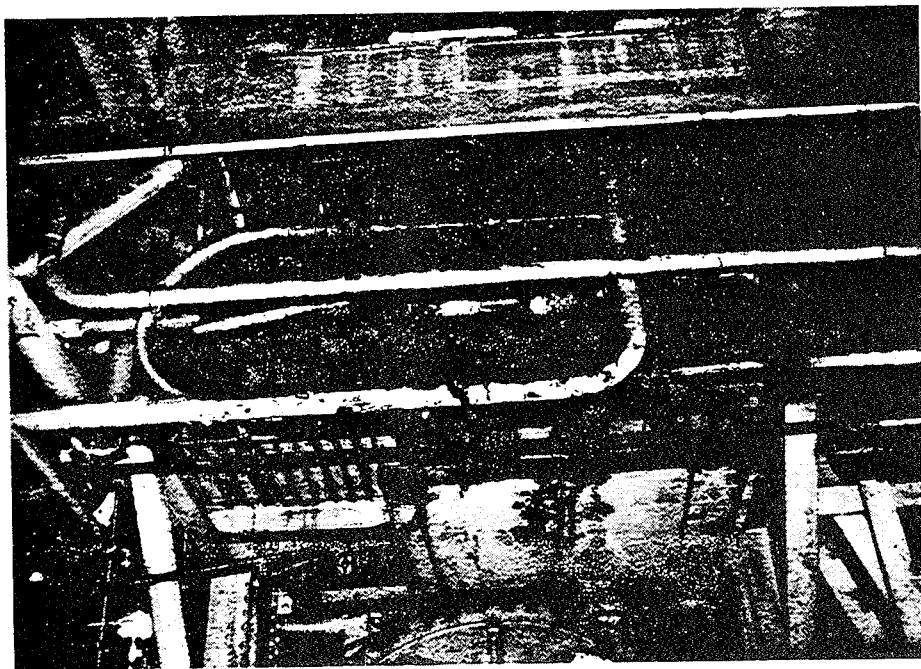
BUILDING NO. 325: Railroad Car  
Spotter. Typical  
Date of Photograph: 10 September 1982



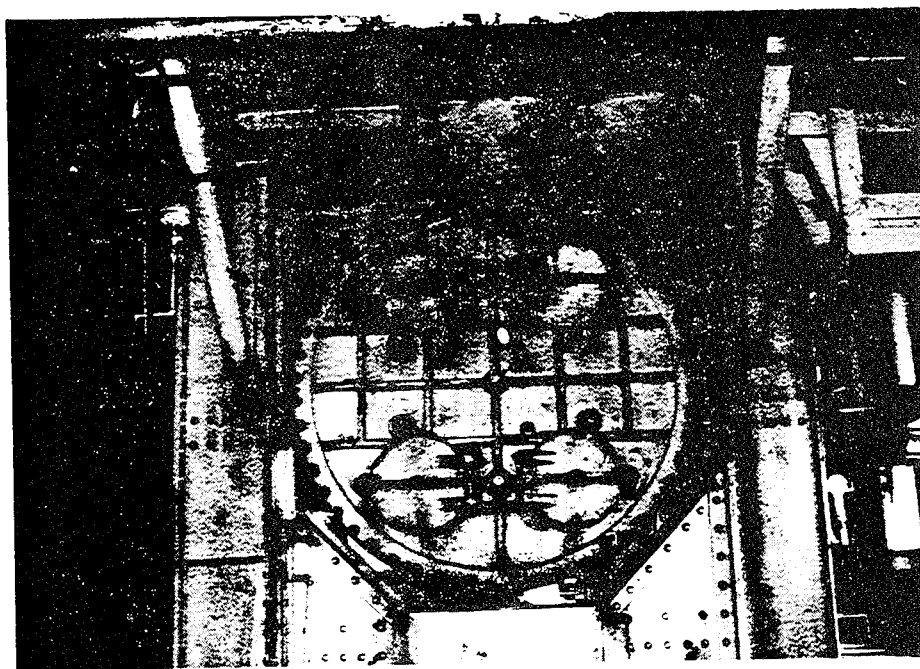
BUILDING NO. 325: General View  
 Ash Pits. Basement  
 Date of Photograph: 1 September 1982



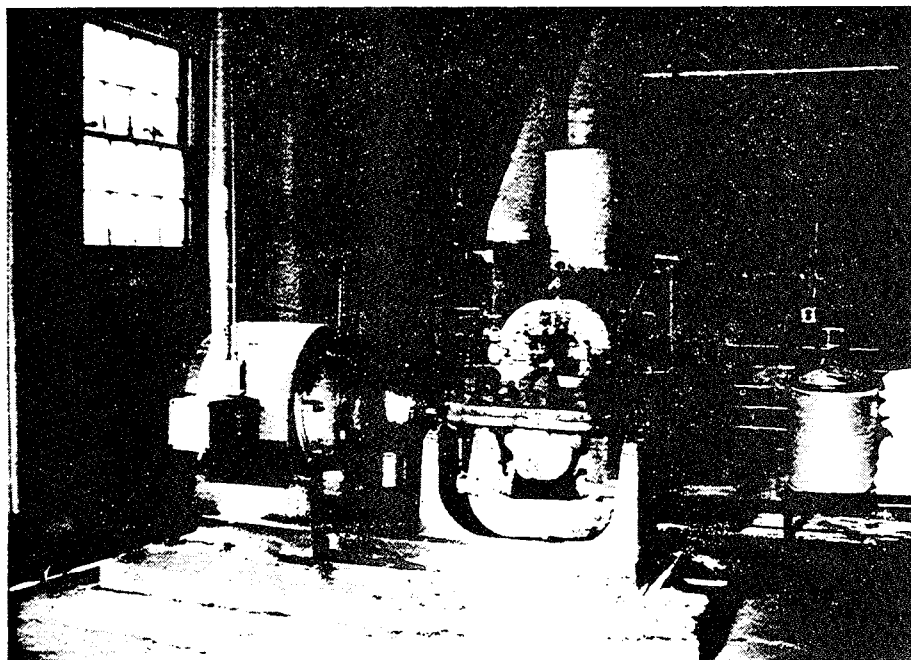
BUILDING NO. 325: General View  
 Battery Room. (First Floor)  
 Date of Photograph: 1 September 1982



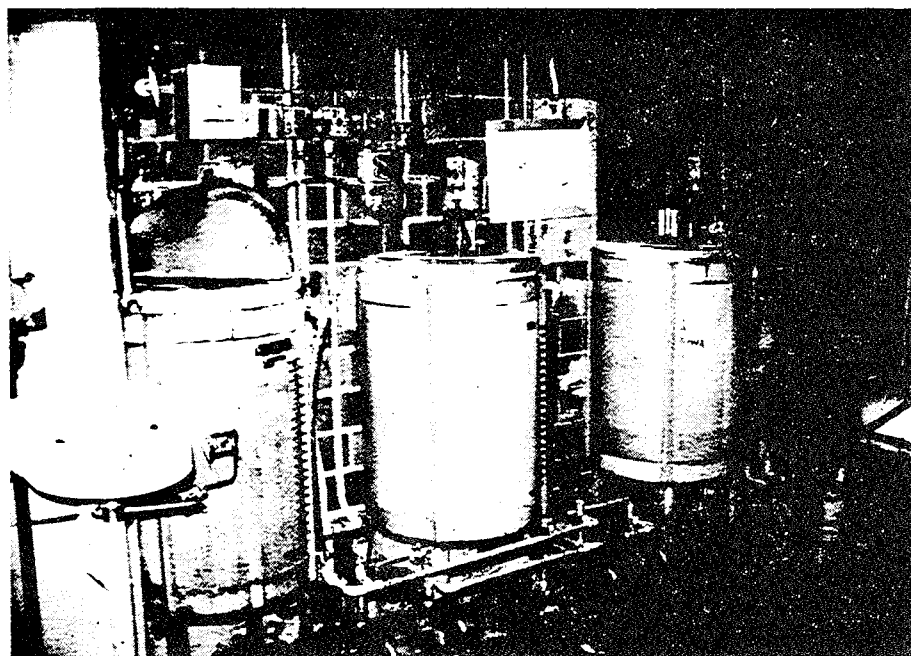
BUILDING NO. 325: General View  
Condenser. General Room (First  
Floor from South)(Upper)  
Date of Photograph: 1 September 1982



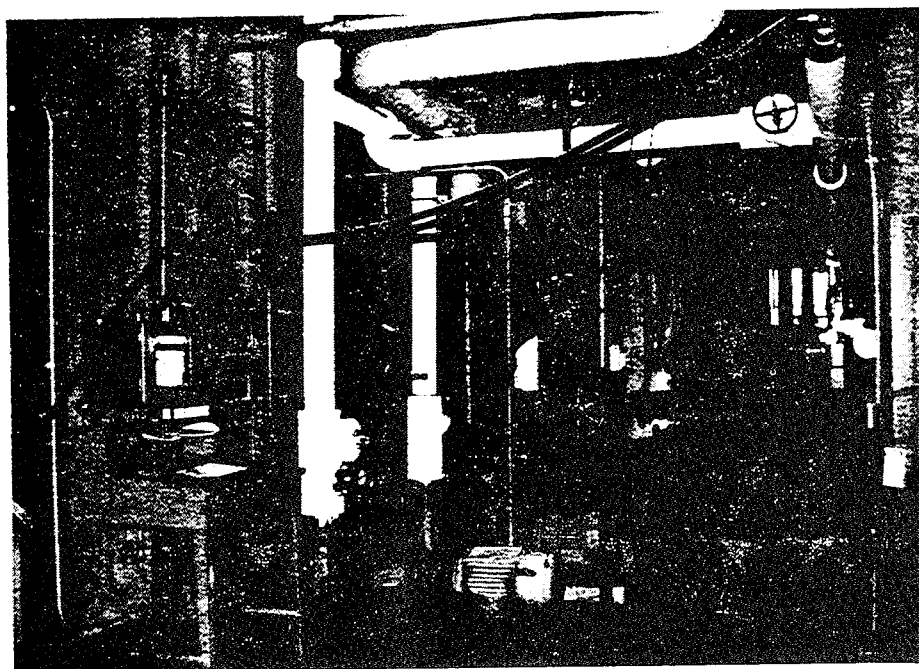
BUILDING NO. 325: General View Condenser  
Generator Room (First Floor from  
South)(Lower)  
Date of Photograph: 1 September 1982



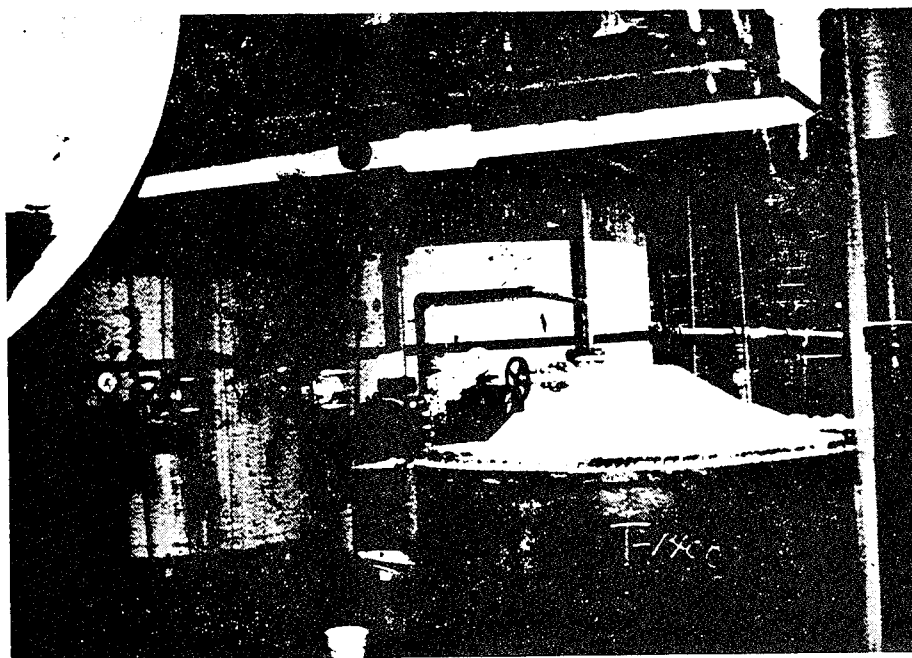
BUILDING NO. 325: Motor in Southwest  
Corner Condenser Room. (First Floor)  
Date of Photograph: 1 September 1982



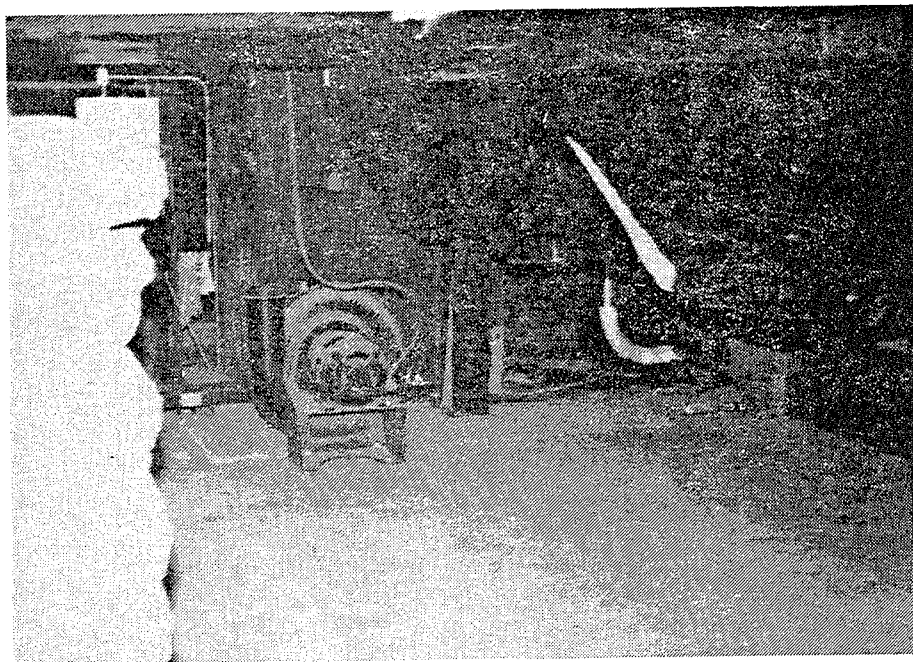
BUILDING NO. 325: Tanks at West Wall  
Condenser Room. (First Floor)  
Date of Photograph: 1 September 1982



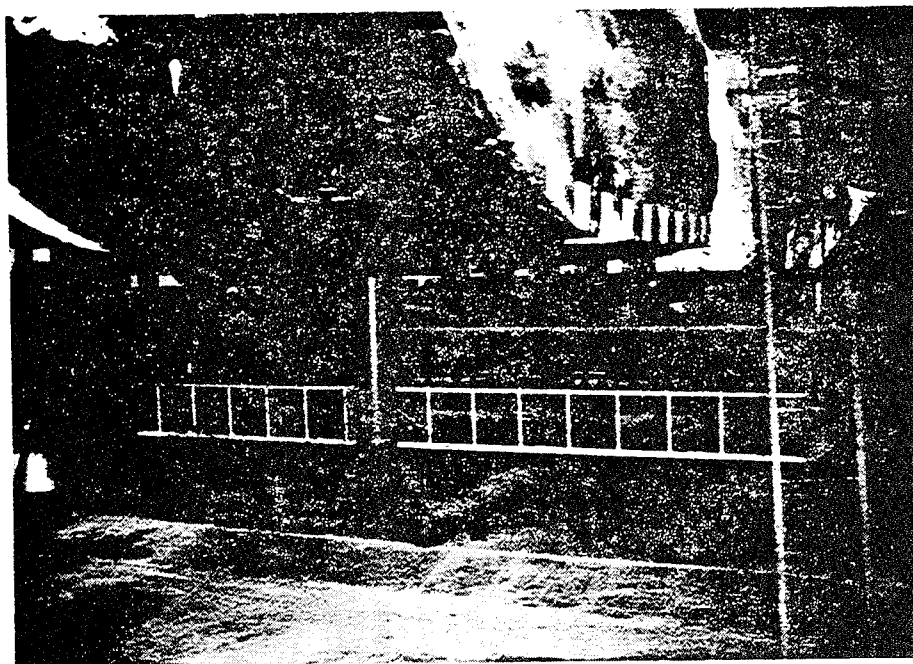
BUILDING NO. 325: Tanks, Pumps and  
Motors. East of Boiler No. 1 (First Floor)  
Date of Photograph: 1 September 1982



BUILDING NO. 325: Water Softening  
Tanks At East Wall of Boiler Room  
(First Floor)  
Date of Photograph: 1 September 1982

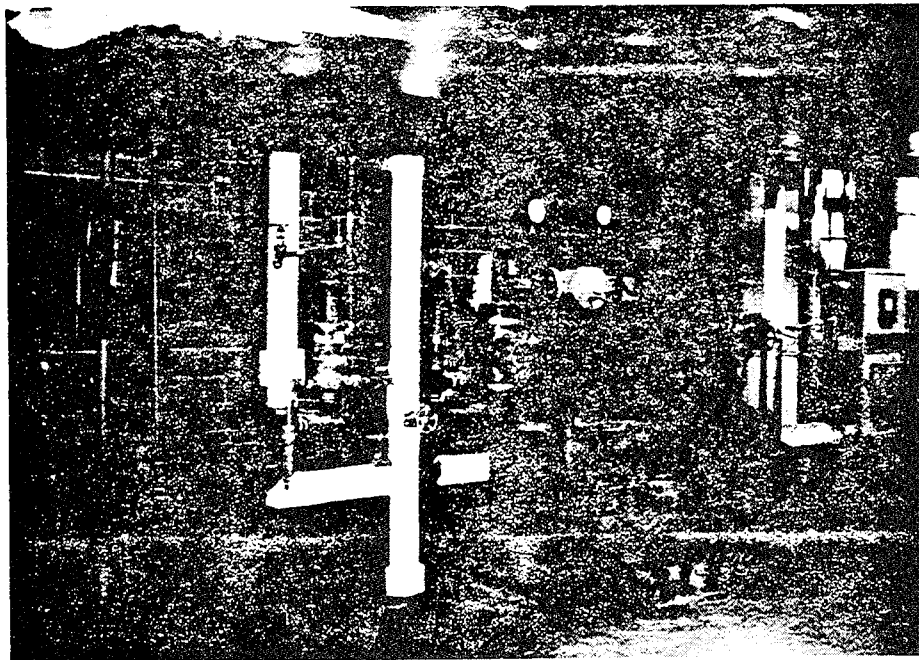


BUILDING NO. 325: General View South Side  
Boiler No. 1 First Floor. (Note Settlement  
of Floor Slab)  
Date of Photograph: 1 September 1982

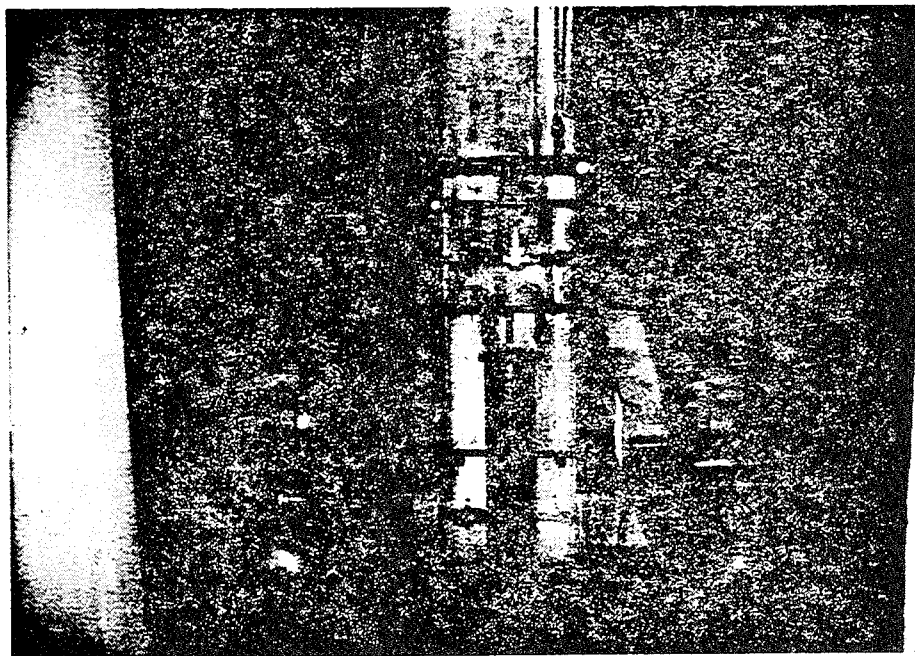


BUILDING NO. 325: General View South Side  
Boiler No. 2 First Floor. (Note Settlement  
of Floor Slab)  
Date of Photograph: 1 September 1982



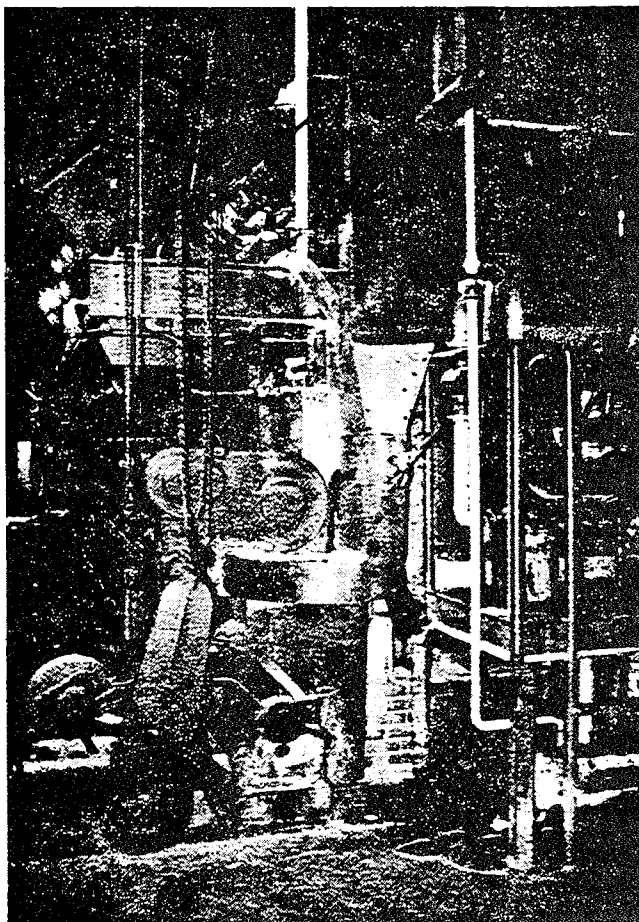


BUILDING NO. 325: General View  
 Southwest Corner (First Floor)  
 Date of Photograph: 1 September 1982

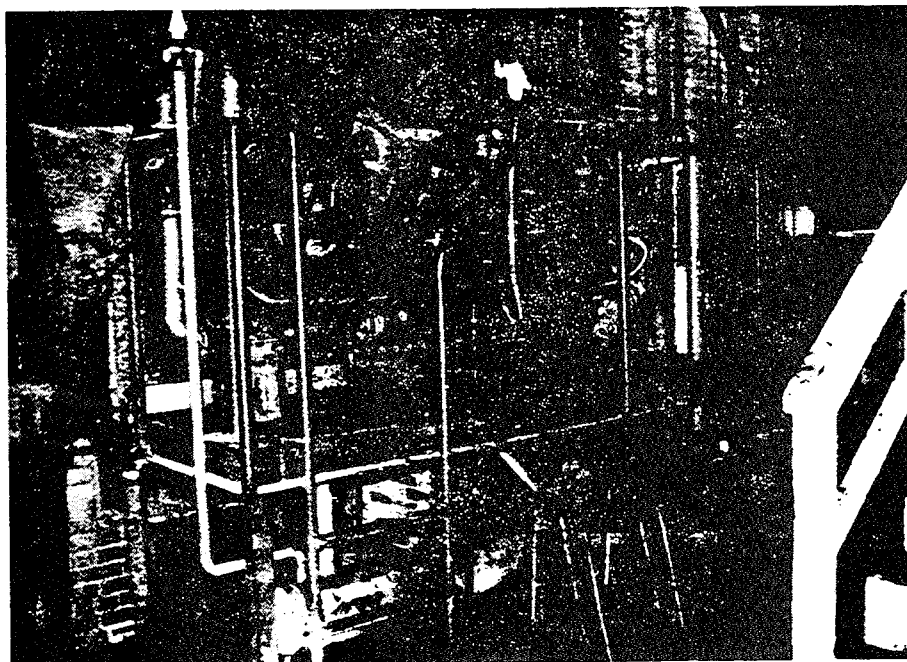


BUILDING NO. 325: General View Pumps  
 West Wall (First Floor)  
 Date of Photograph: 1 September 1982

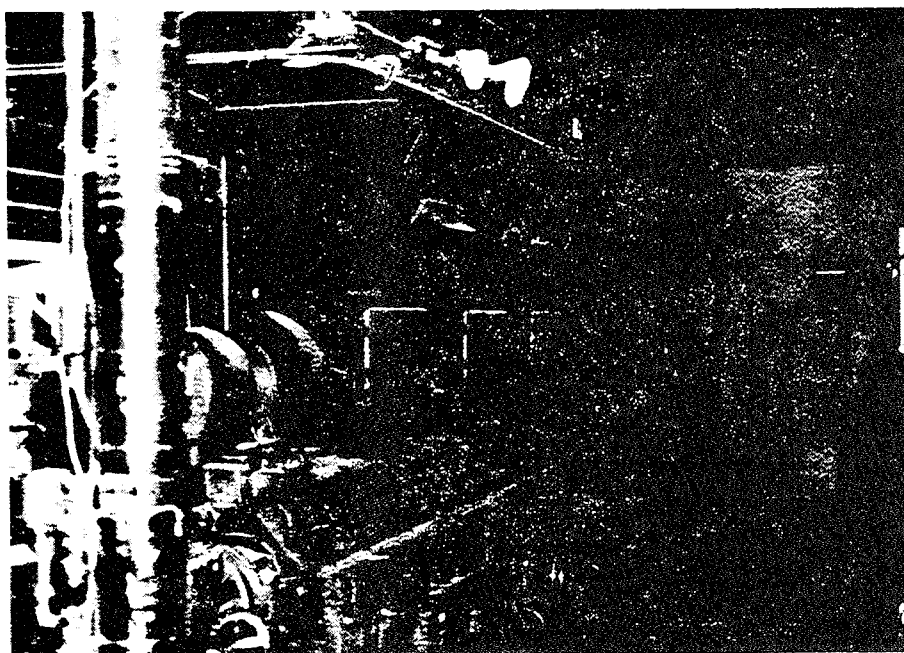




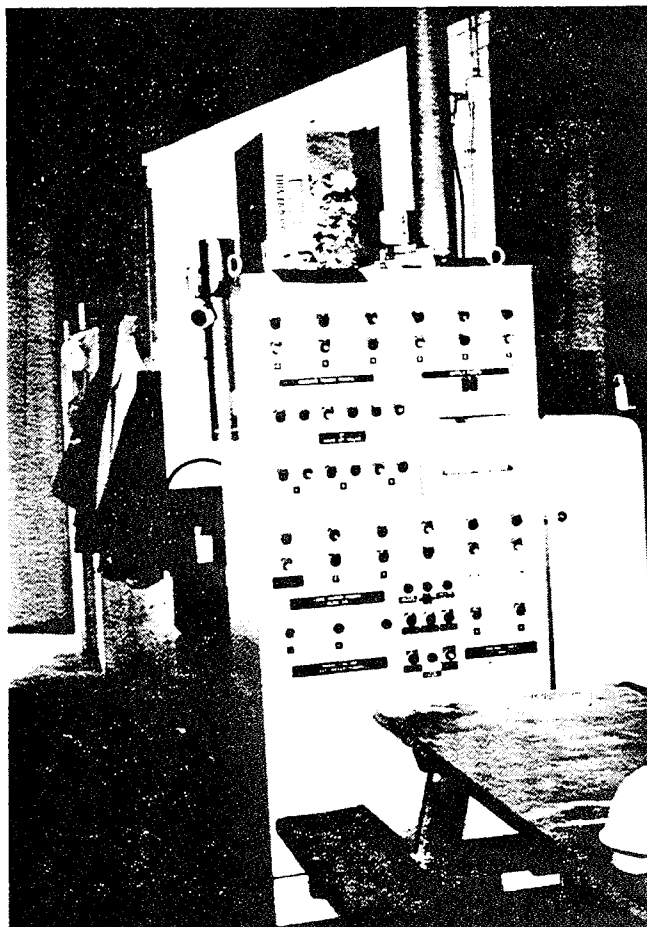
BUILDING NO. 325: General View of  
Boiler No. 2 Coal Feeders (First Floor)  
(Left)  
Date of Photograph: 1 September 1982



BUILDING NO. 325: General View of Boiler  
No. 2 Coal Feeders (First Floor) (Right)  
Date of Photograph: 1 September 1982



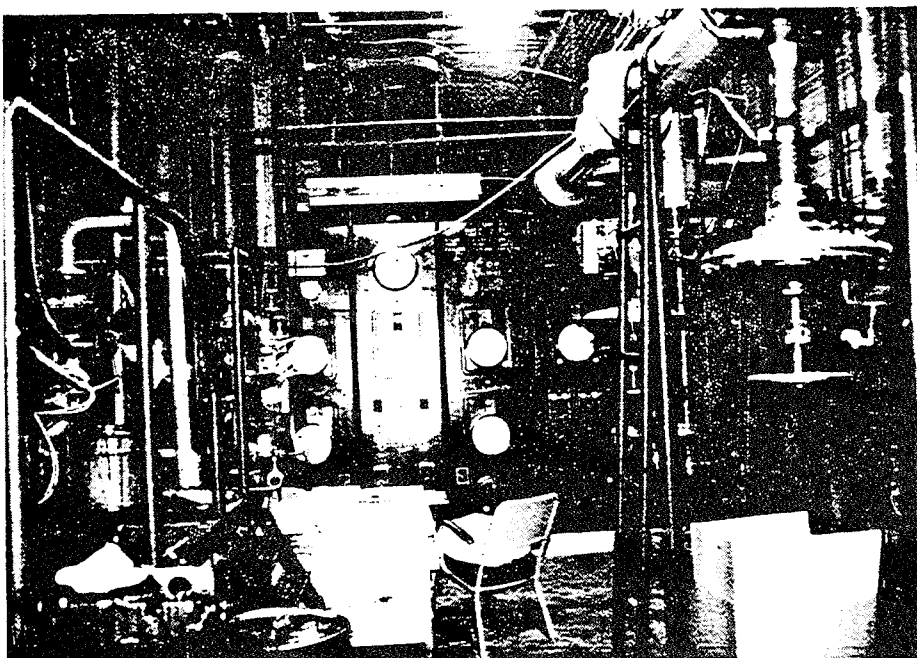
BUILDING NO. 325: General View of Boiler  
No. 2 Coal Feeders (First Floor)  
Date of Photograph: 1 September 1982



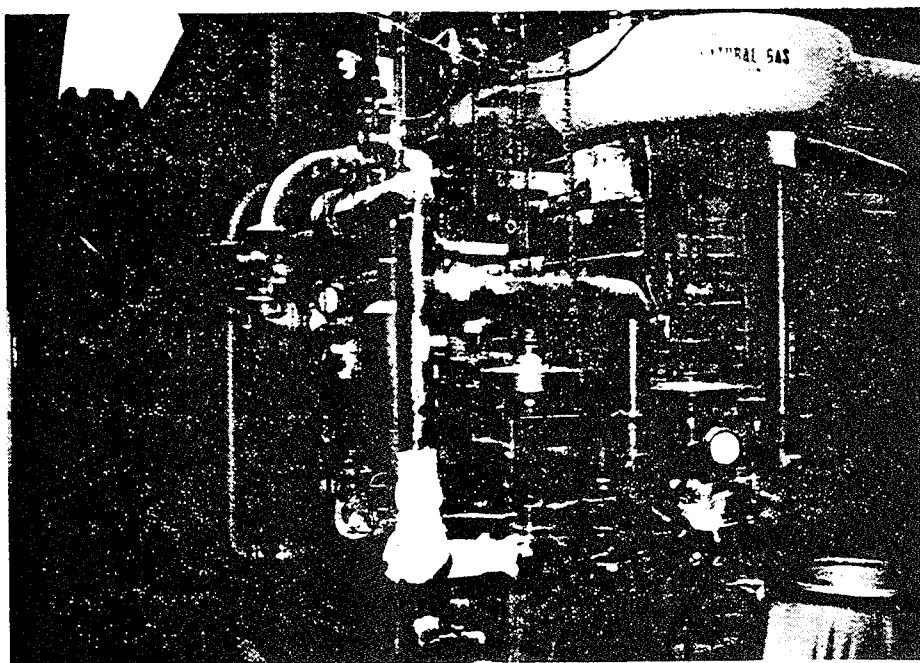
BUILDING NO. 325: Boiler Room Control  
Panel (First Floor North Wall)  
Date of Photograph: 1 September 1982

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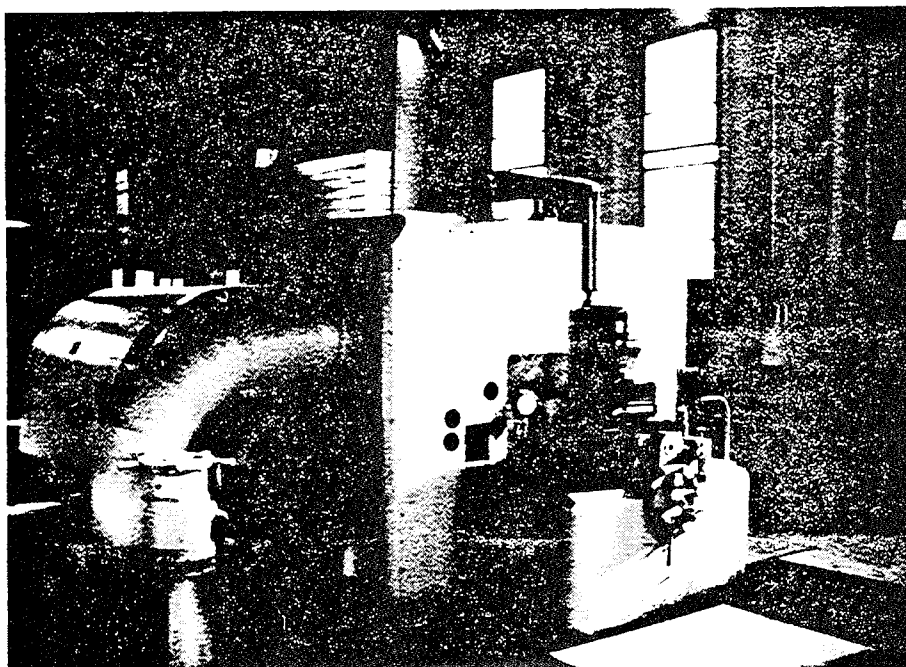
BUILDING NO. 325: Control Panel (First  
Floor) (Between Boilers)  
Date of Photograph: 1 September 1982



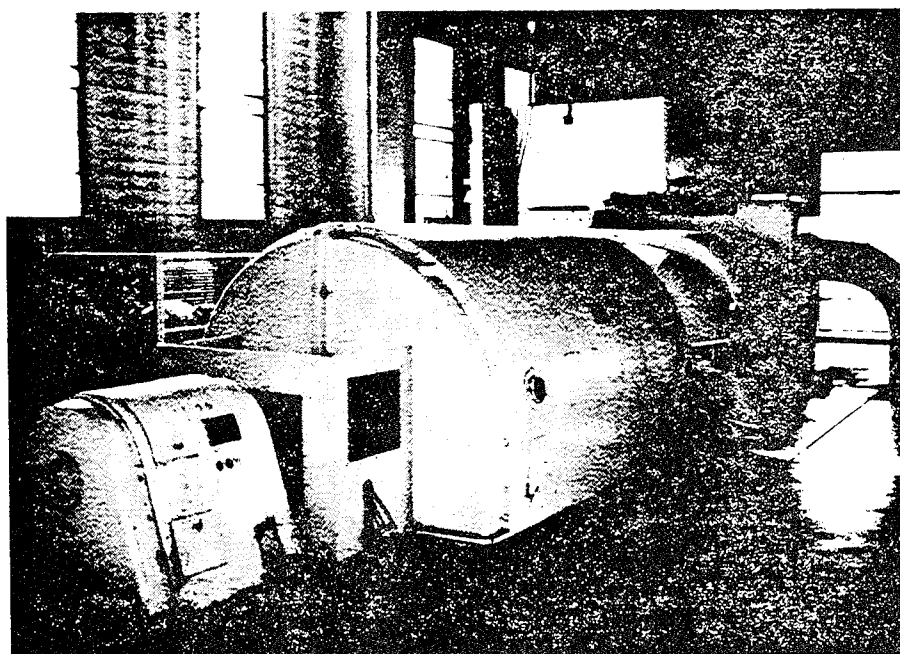
BUILDING NO. 325: General View Gas  
Burner Installation. Typical  
Date of Photograph: 1 September 1982

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BUILDING NO. 325: Steam Turbine.  
Generator Room. (Second Floor East)  
Date of Photograph: 1 September 1982

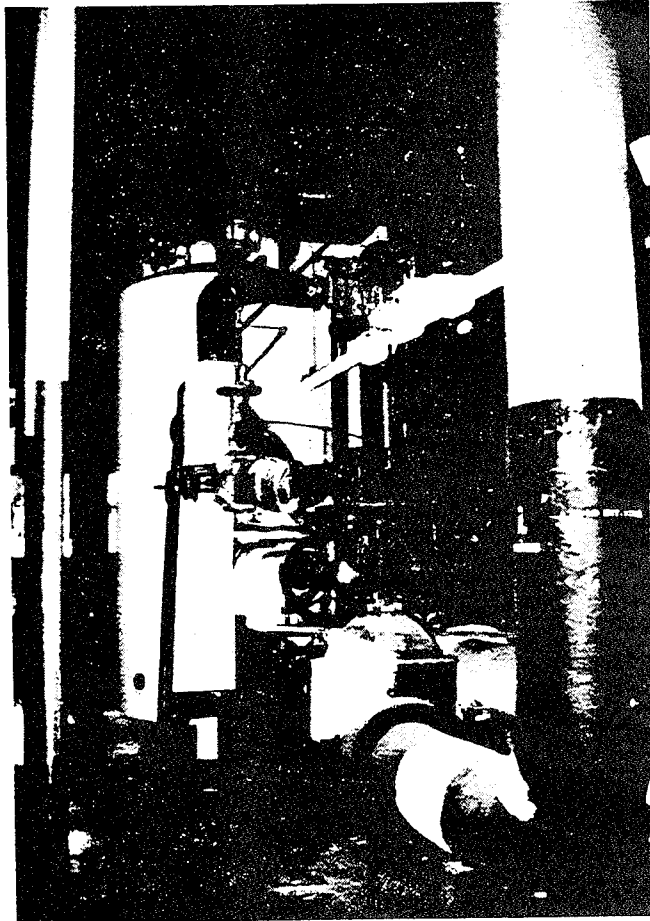


BUILDING NO. 325: Westinghouse Generator.  
Generator Room. (Second Floor East)  
Date of Photograph: 1 September 1982

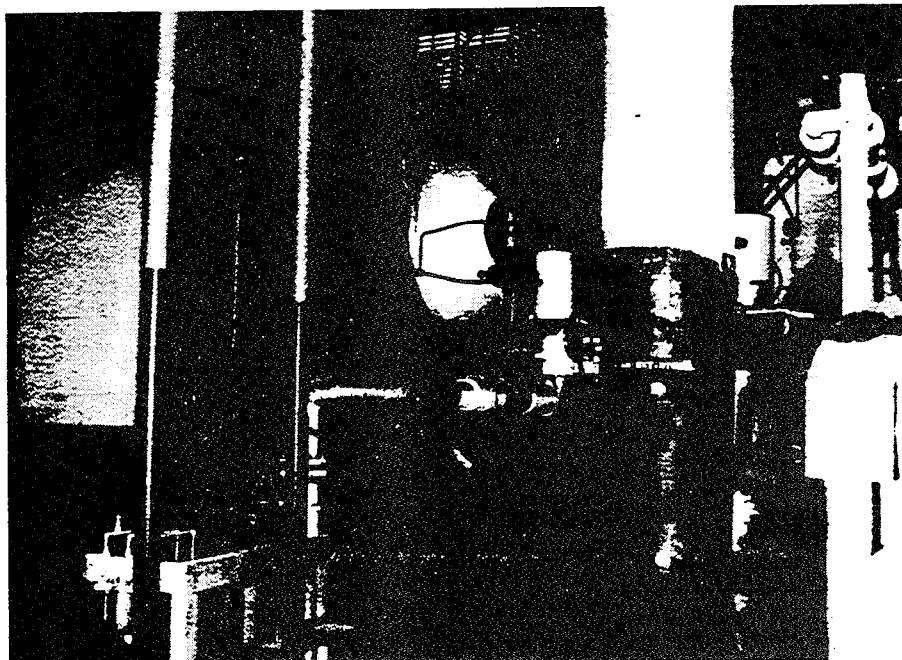
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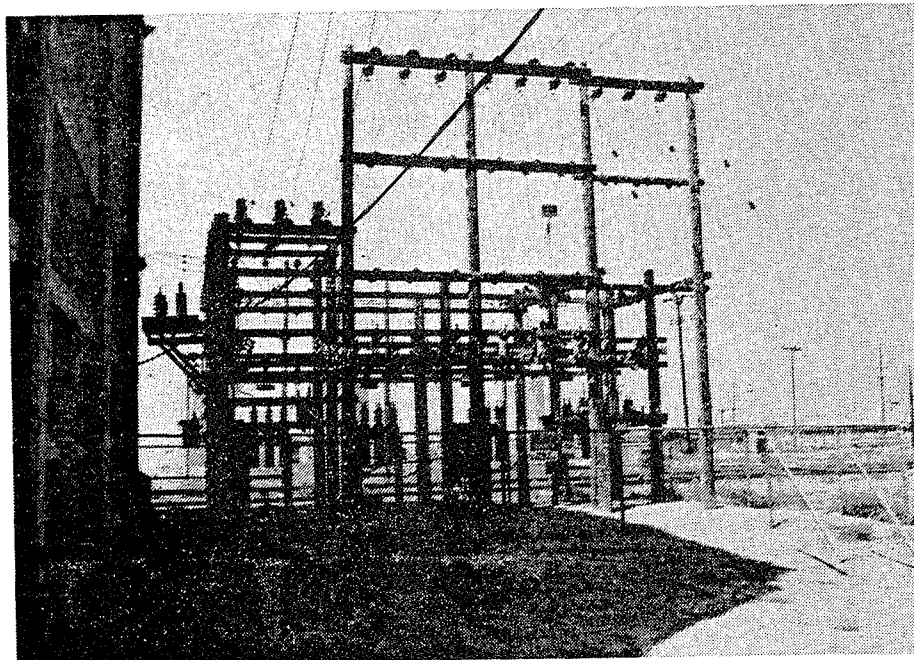
BUILDING NO. 325: Tanks and Pumps  
at East Wall. Boiler Room.  
(Second Floor)  
Date of Photograph: 1 September 1982



BUILDING NO. 325: General View of  
Boiler (Second Floor from Southeast)  
Date of Photograph: 1 September 1982



BUILDING NO. 325: Stack Blower  
Typical (Second Floor from  
Southeast)  
Date of Photograph: 1 September 1982



SUBSTATION NO. 325: Typical  
Date of Photograph: 31 August 1982